

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

## Office of Chemical Safety and Pollution Prevention

**MEMORANDUM**

Date: 21 May 2012

Subject: Common Triazole Metabolites: Updated Dietary (Food + Water) Exposure and Risk Assessment to Address the Revised Tolerance for Residues of Fenbuconazole in Peppers.

PC Codes:	600074 (1,2,4-Triazole), 600011 (Triazolylalanine), 600082 (Triazolylacetic Acid), 625618 (Triazolylpyruvic Acid)	DP Barcode: 411926
Decision No.:	465307, 468478	Registration No.: None
Petition No.:	2F8034	Regulatory Action: Section 3
Assessment Type:	Single Chemical, Dietary	Registration Case No.: None
TXR No.:	None	CAS No.: Multiple
MRID No.:	None	40 CFR: None

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## Background

In May 2013, the HED issued an updated dietary exposure and risk analysis (D411385) for the common triazole metabolites 1,2,4-triazole (T), triazolylalanine (TA), triazolylacetic acid (TAA), and triazolylpyruvic acid (TP). This assessment is a further update to address a requested increase in the tolerance for residues of fenbuconazole in/on peppers.

## Executive Summary

Acute and chronic aggregate dietary (food and drinking water) exposure and risk assessments were conducted using the Dietary Exposure Evaluation Model DEEM-FCID™, Version 3.16 which uses food consumption data from the U.S. Department of Agriculture's National Health and Nutrition Examination Survey, What We Eat in America, (NHANES/WWEIA). This dietary survey was conducted from 2003 to 2008.

Four assessments were conducted: acute and chronic durations for T, and acute and chronic durations for combined residues of TA, TAA, and TP. This assessment addresses the requested increase in the tolerance for residues of fenbuconazole in/on peppers from 0.4 ppm to 1.0 ppm and the potential for increased residues of the metabolites. As with the previous triazole metabolite assessments, this assessment includes exposure estimates resulting from direct consumption of T, TA, TAA, and TP as well as indirect exposure resulting from consumption of parent fungicides followed by *in vivo* conversion to the metabolites. For each food form in the acute assessment, the residue used is the maximum estimate from the various food/triazole fungicide combinations combined with the average indirect residue estimate. For the chronic assessments, the residue estimates are the average residue from the food-specific food/triazole combinations combined with the average indirect residue estimates. All four assessments assume 100% crop treated and include conservative estimates for residues of the metabolites in drinking water. The resulting exposure and risk estimates are based on health-protective assumptions and should be characterized as conservative.

For all four analyses, risk estimates are below HED's level of concern for all population subgroups. There are no dietary exposure considerations for the common triazole metabolites that would preclude increasing the tolerance for residues of fenbuconazole in/on peppers.

## I. Introduction

Dietary risk assessment incorporates both exposure and toxicity of a given pesticide. For acute and chronic assessments, the risk is expressed as a percentage of a maximum acceptable dose (i.e., the maximum dose for which HED has concluded there is a reasonable certainty of no harm). This dose is referred to as the population adjusted dose (PAD). The PAD is equivalent to point of departure (POD, NOAEL, LOAEL, e.g.) divided by the required uncertainty or safety factors.

For acute and non-cancer chronic exposures, HED is concerned when estimated dietary risk exceeds 100% of the PAD. HED is generally concerned when estimated cancer risk exceeds one in one million. References which discuss the acute and chronic risk assessments in more detail

are available on the EPA web site: "Available Information on Assessing Exposure from Pesticides, A User's Guide," 21-JUN-2000, web link: <http://www.epa.gov/fedrgstr/EPA-PEST/2000/July/Day-12/6061.pdf>; or see SOP 99.6 (20-AUG-1999).

The most recent dietary risk assessment for the common triazole metabolites was conducted by Thurston Morton (D411385, 5/1/2013).

## II. Residue Information

These dietary assessments include all of the uses addressed in the previous assessments. The metabolite residues associated with the requested amended use for fenbuconazole has been added in these analyses. Parent tolerances for these new uses are summarized in Table 1.

**Table 1. Tolerance Summary**

Chemical	Petition Number	Commodity	Parent Tolerance (ppm)
Fenbuconazole	2F8034	Peppers	1.0

The residue estimates derived from the parent tolerance in Table 1 include dietary exposure to the triazole metabolites due to the direct consumption of metabolite residues in foods as well as indirect exposure resulting from ingestion of parent triazole-derivative fungicides and the subsequent *in vivo* conversion of parent compound to T and/or TA/TAA/TP. As with previous assessments, maximum direct exposure estimates and average indirect exposure estimates were combined to assess acute risks, and average direct and indirect exposure estimates were combined to assess chronic risks. An assumption of 100% crop treated was made for both the free triazole and the conjugated triazole assessments. Default DEEM 7.81 processing factors have been used in these analyses. The residue estimates were derived using a Microsoft® Excel spreadsheet that takes into account the parent-compound tolerance, metabolism factors, and any empirical data that are available for the triazole metabolites. Conservative estimates of residues are chosen so that exposure will not be underestimated. The direct and indirect residue values are combined to give the overall residue estimates used in the dietary exposure analyses. The complete spreadsheet is available upon request.

## III. Drinking Water Data

Residues of 1,2,4-triazole in drinking water were provided to HED by the Environmental Fate and Effects Division (I. Maher, DP# 320682, 28 Feb 2006). Due to the inter-conversion between 1,2,4-triazole, triazole alanine, and triazole acetic acid that may occur in the environment, the residue estimates used in these assessments are a summation of all three residues and, therefore, represent an overestimate of actual concentrations of the common triazole metabolites in drinking water. The Tier II PRZM/EXAMS (surface water) and SCIGROW (groundwater) residue estimates are summarized in Table 2. HED notes that there were no detects of 1,2,4-triazole in any of the 271 water samples analyzed by PDP, with a limit of quantification of 730 parts-per-trillion (0.73 ppb). The surface water estimates are significantly greater than those for groundwater, and were used in the assessments for free triazole as well as the conjugated metabolites.

Table 2. Summary of Estimated Drinking Water Concentrations of 1,2,4-Triazole.		
Exposure Duration	Surface Water Concentration, ppm	Groundwater Concentration, ppm
Acute	0.041	0.001
Chronic	0.011	0.001

#### IV. DEEM-FCID™ Program and Consumption Information

Triazole metabolite acute and chronic dietary exposure assessments were conducted using the Dietary Exposure Evaluation Model software with the Food Commodity Intake Database DEEM-FCID™, Version 3.16, which incorporates consumption data from USDA's National Health and Nutrition Examination Survey, What We Eat in America, (NHANES/WWEIA). This dietary survey was conducted from 2003 to 2008. The data are based on the reported consumption of more than 20,000 individuals over two non-consecutive survey days. Foods "as consumed" (e.g., apple pie) are linked to EPA-defined food commodities (e.g. apples, peeled fruit - cooked; fresh or N/S; baked; or wheat flour - cooked; fresh or N/S, baked) using publicly available recipe translation files developed jointly by USDA/ARS and EPA. For chronic exposure assessment, consumption data are averaged for the entire U.S. population and within population subgroups. However, for acute exposure assessment, consumption data are retained as individual consumption events. Based on analysis of the 2003-2008 WWEIA consumption data, which took into account dietary patterns and survey respondents, HED concluded that it is most appropriate to report risk for the following population subgroups: the general U.S. population, all infants (<1 year old), children 1-2, children 3-5, children 6-12, youth 13-19, adults 20-49, females 13-49, and adults 50+ years old.

For chronic dietary exposure assessment, an estimate of the residue level in each food or food-form (e.g., orange or orange juice) on the food commodity residue list is multiplied by the average daily consumption estimate for that food/food form to produce a residue intake estimate. The resulting residue intake estimate for each food/food form is summed with the residue intake estimates for all other food/food forms on the commodity residue list to arrive at the total average estimated exposure. Exposure is expressed in mg/kg body weight/day and as a percent of the cPAD. This procedure is performed for each population subgroup.

For acute exposure assessments, individual one-day food consumption data are used on an individual-by-individual basis. The reported consumption amounts of each food item can be multiplied by a residue point estimate and summed to obtain a total daily pesticide exposure for a deterministic exposure assessment, or "matched" in multiple random pairings with residue values and then summed in a probabilistic assessment. The resulting distribution of exposures is expressed as a percentage of the aPAD on both a user (i.e., only those who reported eating relevant commodities/food forms) and a per-capita (i.e., those who reported eating the relevant commodities as well as those who did not) basis. In accordance with HED policy, per capita exposure and risk are reported for all tiers of analysis. However, for tiers 1 and 2, any significant differences in user vs. per capita exposure and risk are specifically identified and noted in the risk assessment.

#### V. Toxicological Information

1,2,4-Triazole and the conjugated metabolites are common metabolites of many triazole-derivative fungicides. As metabolites, there are no data requirements, *per se*, for these compounds. Nevertheless, a significant amount of toxicological data is available and has been reviewed by HED. The following summary tables (Tables 3 and 4) show the doses selected for assessing dietary exposure and their associated endpoints. Data are insufficient at this time to assign a cancer classification to 1,2,4-triazole. Available data indicate that cancers associated with 1,2,4-triazole and the conjugated metabolites are likely to be a threshold effect and that a Q<sub>1</sub>\* approach is not appropriate. An RfD-approach for assessing cancer has been recommended. As such, the chronic exposure assessments are considered to be protective of any potential cancer-related effects.

Table 3. Summary of Toxicological Doses and Endpoints for Dietary Exposure Risk Assessments of 1,2,4-Triazole				
Exposure/ Scenario	Point of Departure	Uncertainty/ FQPA Safety Factors	RfD, PAD, Level of Concern	Study and Toxicological Effects
Acute Dietary (females 13-49)	NOAEL = 30 mg/kg  Acute RfD= 0.03 mg/kg	UF <sub>A</sub> = 10 UF <sub>H</sub> = 10 UF <sub>DB</sub> = 10 FQPA SF = 1	aPAD = <u>acute RfD</u> FQPA SF  = 0.03 mg/kg/day	Developmental Toxicity study in rabbits  LOAEL=45 mg/kg based on urinary tract malformations in fetuses
Acute Dietary (general population)	NOAEL = 30 mg/kg  Acute RfD= 0.03 mg/kg	UF <sub>A</sub> = 10 UF <sub>H</sub> = 10 UF <sub>DB</sub> = 10 FQPA SF = 1	aPAD = <u>acute RfD</u> FQPA SF  = 0.03 mg/kg/day	Developmental Toxicity study in rabbits  LOAEL=45 mg/kg based on clinical signs and mortality in does starting on Gestation Day 6 or 7
Chronic Dietary (all populations)	LOAEL = 15 mg/kg/day  Chronic RfD = 0.005 mg/kg/day	UF <sub>A</sub> = 10 UF <sub>H</sub> = 10 UF <sub>DB</sub> = 10 UF <sub>L</sub> = 3 FQPA SF = 1	cPAD = <u>chronic RfD</u> FQPA SF  =0.005 mg/kg/day	Reproductive Toxicity study in rats  LOAEL = 15 based on decreased body weight in adult males and on decreased body weight and brain weight in offspring
Cancer	Insufficient data for a cancer classification. Based on the available information, HED believes that an RfD approach is appropriate and that the cPAD is sufficient to assess cancer risk.			

Point of Departure (POD) = A data point or an estimated point that is derived from observed dose-response data and used to mark the beginning of extrapolation to determine risk associated with lower environmentally relevant human exposures. NOAEL = no observed adverse effect level. LOAEL = lowest observed adverse effect level. UF = uncertainty factor. UF<sub>A</sub> = extrapolation from animal to human (intraspecies). UF<sub>H</sub> = potential variation in sensitivity among members of the human population (interspecies). UF<sub>L</sub> = use of a LOAEL to extrapolate a NOAEL. UF<sub>DB</sub> = to account for the absence of key data (i.e., lack of a critical study). FQPA SF = FQPA Safety Factor. PAD = population adjusted dose (a = acute, c = chronic). RfD = reference dose.

Table 4. Summary of Toxicological Doses and Endpoints for Dietary Exposure Risk Assessments of the Conjugated Triazole Metabolites (TA, TAA, TP).

Exposure/ Scenario	Point of Departure	Uncertainty/FQPA Safety Factors	RfD, PAD, Level of Concern	Study and Toxicological Effects
Acute Dietary (females 13-49)	NOAEL = 100 mg/kg  Acute RfD= 0.1 mg/kg	UF <sub>A</sub> = 10 UF <sub>H</sub> = 10 UF <sub>DB</sub> = 10  FQPA SF = 1	aPAD = $\frac{\text{acute RfD}}{\text{FQPA SF}}$  = 0.1 mg/kg/day	Developmental Toxicity study in rabbits  LOAEL=45 mg/kg based on urinary tract malformations in fetuses
Acute Dietary (general population)	None	None	None	No appropriate dose and endpoint could be identified for this population group.
Chronic Dietary (all populations)	LOAEL = 90 mg/kg/day  Chronic RfD = 0.09 mg/kg/day	UF <sub>A</sub> = 10 UF <sub>H</sub> = 10 UF <sub>DB</sub> = 10  FQPA SF = 1	cPAD = $\frac{\text{chronic RfD}}{\text{FQPA SF}}$  =0.09 mg/kg/day	Reproductive Toxicity study in rats  LOAEL = 15 based on decreased body weight in adult males and on decreased body weight and brain weight in offspring
Cancer	Insufficient data for a cancer classification. Based on the available information, HED believes that an RfD approach is appropriate and that the cPAD is sufficient to assess cancer risk.			

Point of Departure (POD) = A data point or an estimated point that is derived from observed dose-response data and used to mark the beginning of extrapolation to determine risk associated with lower environmentally relevant human exposures. NOAEL = no observed adverse effect level. LOAEL = lowest observed adverse effect level. UF = uncertainty factor. UF<sub>A</sub> = extrapolation from animal to human (intraspecies). UF<sub>H</sub> = potential variation in sensitivity among members of the human population (interspecies). UF<sub>DB</sub> = to account for the absence of key data (i.e., lack of a critical study). FQPA SF = FQPA Safety Factor. PAD = population adjusted dose (a = acute, c = chronic). RfD = reference dose.

## VI. Results/Discussion

As stated above, for acute and chronic assessments, HED is concerned when dietary risk exceeds 100% of the PAD. The DEEM-FCID™ analyses estimate the dietary exposure of the U.S. population and various population subgroups. The results reported in Table 5 are for the general U.S. Population, all infants (<1 year old), children 1-2, children 3-5, children 6-12, youth 13-19, females 13-49, adults 20-49, and adults 50-99 years. A quantitative cancer assessment is not required for the common triazole metabolites.

Acute and chronic dietary exposure estimates are below HED's level of concern for all population subgroups, including those of infants and children, for both 1,2,4-triazole as well as the conjugated triazole metabolites.

Table 5. Summary of Dietary (Food and Drinking Water) Exposure and Risk for the Common Triazole Metabolites Adding the Amended Use for Fenbuconazole.

Population Subgroup	Acute (95 <sup>th</sup> Percentile)		Chronic		Cancer	
	Exposure (mg/kg/day)	% aPAD*	Exposure (mg/kg/day)	% cPAD*	Exposure (mg/kg/day)	Risk
1,2,4-Triazole						
General U.S. Population	0.008300	28	0.001333	27		
All Infants (< 1 year old)	0.012161	41	0.001852	37		
Children 1-2 years old	<b>0.023044</b>	<b>77</b>	<b>0.003848</b>	<b>77</b>		
Children 3-5 years old	0.018950	63	0.003076	62		
Children 6-12 years old	0.011017	37	0.001673	34		
Youth 13-19 years old	0.007230	24	0.001089	22		
Adults 20-49 years old	0.006623	22	0.001141	23		
Adults 50-99 years old	0.005835	19	0.001077	22		
Females 13-49 years old	0.006763	23	0.001114	22		
					Not Applicable	Not Applicable

Table 5. Summary of Dietary (Food and Drinking Water) Exposure and Risk for the Common Triazole Metabolites Adding the Amended Use for Fenbuconazole.						
Population Subgroup	Acute (95 <sup>th</sup> Percentile)		Chronic		Cancer	
	Exposure (mg/kg/day)	% aPAD*	Exposure (mg/kg/day)	% cPAD*	Exposure (mg/kg/day)	Risk
Triazolylalanine + Triazolylacetic Acid+Triazolylpyruvic acid						
General U.S. Population	Not Applicable	Not Applicable	0.018608	21	Not Applicable	Not Applicable
All Infants (< 1 year old)			0.021894	24		
Children 1-2 years old			<b>0.058664</b>	<b>65</b>		
Children 3-5 years old			0.047179	52		
Children 6-12 years old			0.024872	28		
Youth 13-19 years old			0.015669	17		
Adults 20-49 years old			0.015341	17		
Adults 50-99 years old			0.014399	16		
Females 13-49 years old	<b>0.080286</b>	<b>80</b>	0.014948	17		

\* The estimates for the highest exposed population for each type of risk assessment are bolded.

## VII. Characterization of Inputs/Outputs

Although these dietary exposure assessments are principally based on calculated residues, the data, selection criteria, and assumptions that serve as the source of those residues are conservative in nature. Most residue estimates used in the assessment are derived from tolerance-level residues of the parent triazole and it was assumed that 100% of foods with a triazole-derivative-fungicide tolerance have residues of the triazole metabolites (100% crop treated). Overall, this assessment is considered to be conservative and likely overestimates actual direct and indirect dietary exposure to the triazole metabolites. Regulatory recommendations at the 95<sup>th</sup> percentile are appropriate.

## VIII. Conclusions

Based on conservative estimates of direct and indirect dietary exposure, acute and chronic risk estimates for the general U.S. population and all representative population subgroups, including those of infants and children, are below HED's level of concern for both 1,2,4-triazole and the conjugated triazole metabolites. There were slight increases in the exposure estimates from the increased tolerance for residues of fenbuconazole in/on peppers. The % aPAD and % cPAD increased by  $\leq 1\%$  for the general population and subgroups compared to the results of the last triazole dietary risk assessment (D411385 1 May 2013). There are no dietary exposure considerations for the common triazole metabolites that would preclude granting the requested use of the triazole fungicides prothioconazole, flutriafol, and ipconazole.

## IX. List of Attachments

- Attachment 1. Inputs for the acute dietary exposure and risk analysis of 1,2,4-triazole.
- Attachment 2. Inputs for the chronic dietary exposure and risk analysis of 1,2,4-triazole.
- Attachment 3. Inputs for the acute dietary exposure and risk analysis of the conjugated triazole metabolites.
- Attachment 4. Inputs for the chronic dietary exposure and risk analysis of the conjugated triazole metabolites.
- Attachment 5. Summary of the acute dietary exposure and risk estimates for 1,2,4-triazole.

Attachment 6. Summary of the chronic dietary exposure and risk estimates for 1,2,4-triazole.

Attachment 7. Summary of the acute dietary exposure and risk estimates for the conjugated triazole metabolites.

Attachment 8. Summary of the chronic dietary exposure and risk estimates for the conjugated triazole metabolites.

### Attachment 1. Inputs for the acute dietary exposure and risk analysis of 1,2,4-triazole.

Filename: C:\Documents and Settings\tmorton\My Documents\MyFiles\DEEM Files\Triazole Risk  
 Assessment 4-2013 CW Prothio\TRIAZOLE ACUTE.R08  
 Chemical: 1,2,4-Triazole  
 RfD(Chronic): .005 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .03 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day  
 Date created/last modified: 05-14-2013/07:31:54 Program ver. 3.16, FCID1

EPA Code	Crop Grp	Commodity Name	Def (ppm)	Res #1	Adj. Factors #2	Comment
0101050000	1AB	Beet, garden, roots	0.035990	1.000	1.000	
0101050001	1AB	Beet, garden, roots-babyfood	0.035990	1.000	1.000	
0101052000	1A	Beet, sugar	0.022960	1.000	1.000	
0101052001	1A	Beet, sugar-babyfood	0.022960	1.000	1.000	
0101053000	1A	Beet, sugar, molasses	0.075930	1.000	1.000	
0101053001	1A	Beet, sugar, molasses-babyfood	0.075930	1.000	1.000	
0101067000	1AB	Burdock	0.002150	1.000	1.000	
0101078000	1AB	Carrot	0.015140	1.000	1.000	
0101078001	1AB	Carrot-babyfood	0.015140	1.000	1.000	
0101079000	1AB	Carrot, juice	0.015140	1.000	1.000	
0101084000	1AB	Celeriac	0.002150	1.000	1.000	
0101100000	1AB	Chicory, roots	0.002150	1.000	1.000	
0101168000	1AB	Ginseng, dried	0.002150	1.000	1.000	
0101190000	1AB	Horseradish	0.002150	1.000	1.000	
0101250000	1AB	Parsley, turnip rooted	0.002150	1.000	1.000	
0101251000	1AB	Parsnip	0.002150	1.000	1.000	
0101251001	1AB	Parsnip-babyfood	0.002150	1.000	1.000	
0101314000	1AB	Radish, roots	0.002150	1.000	1.000	
0101316000	1AB	Radish, Oriental, roots	0.002150	1.000	1.000	
0101327000	1AB	Rutabaga	0.002150	1.000	1.000	
0101331000	1AB	Salsify, roots	0.002150	1.000	1.000	
0101388000	1AB	Turnip, roots	0.025370	1.000	1.000	
0103015000	1CD	Arrowroot, flour	0.039190	1.000	1.000	
0103015001	1CD	Arrowroot, flour-babyfood	0.039190	1.000	1.000	
0103017000	1CD	Artichoke, Jerusalem	0.039190	1.000	1.000	
0103082000	1CD	Cassava	0.039190	1.000	1.000	
0103082001	1CD	Cassava-babyfood	0.039190	1.000	1.000	
0103139000	1CD	Dasheen, corm	0.039190	1.000	1.000	
0103166000	1CD	Ginger	0.039190	1.000	1.000	
0103166001	1CD	Ginger-babyfood	0.039190	1.000	1.000	
0103167000	1CD	Ginger, dried	0.039190	1.000	1.000	
0103296000	1C	Potato, chips	0.039190	1.000	1.000	
0103297000	1C	Potato, dry (granules/ flakes)	0.039190	6.500	1.000	
0103297001	1C	Potato, dry (granules/ flakes)-b	0.039190	6.500	1.000	
0103298000	1C	Potato, flour	0.039190	1.000	1.000	
0103298001	1C	Potato, flour-babyfood	0.039190	1.000	1.000	
0103299000	1C	Potato, tuber, w/peel	0.039190	1.000	1.000	
0103299001	1C	Potato, tuber, w/peel-babyfood	0.039190	1.000	1.000	
0103300000	1C	Potato, tuber, w/o peel	0.039190	1.000	1.000	
0103300001	1C	Potato, tuber, w/o peel-babyfood	0.039190	1.000	1.000	
0103366000	1CD	Sweet potato	0.039190	1.000	1.000	
0103366001	1CD	Sweet potato-babyfood	0.039190	1.000	1.000	
0103371000	1CD	Tanier, corm	0.039190	1.000	1.000	
0103387000	1CD	Turmeric	0.039190	1.000	1.000	
0103406000	1CD	Yam, true	0.039190	1.000	1.000	
0103407000	1CD	Yam bean	0.039190	1.000	1.000	
0200051000	2	Beet, garden, tops	0.363650	1.000	1.000	
0200101000	2	Chicory, tops	0.002150	1.000	1.000	
0200140000	2	Dasheen, leaves	0.002150	1.000	1.000	
0200315000	2	Radish, tops	0.002150	1.000	1.000	
0200317000	2	Radish, Oriental, tops	0.002150	1.000	1.000	
0200332000	2	Salsify, tops	0.002150	1.000	1.000	
0301165000	3A	Garlic, bulb	0.012040	1.000	1.000	
0301165001	3A	Garlic, bulb-babyfood	0.012040	1.000	1.000	
0301237000	3A	Onion, bulb	0.012040	1.000	1.000	
0301237001	3A	Onion, bulb-babyfood	0.012040	1.000	1.000	
0301238000	3A	Onion, bulb, dried	0.012040	9.000	1.000	
0301238001	3A	Onion, bulb, dried-babyfood	0.012040	9.000	1.000	

0302198000	3B	Leek	0.446420	1.000	1.000
0302239000	3B	Onion, green	0.446420	1.000	1.000
0302338500	3B	Shallot, fresh leaves	0.012040	1.000	1.000
0401005000	4A	Amaranth, leafy	0.645780	1.000	1.000
0401018000	4A	Arugula	0.645780	1.000	1.000
0401104000	4A	Chrysanthemum, garland	0.645780	1.000	1.000
0401133000	4A	Cress, garden	0.645780	1.000	1.000
0401134000	4A	Cress, upland	0.645780	1.000	1.000
0401138000	4A	Dandelion, leaves	0.645780	1.000	1.000
0401150000	4A	Endive	0.645780	1.000	1.000
0401204000	4A	Lettuce, head	0.645780	1.000	1.000
0401205000	4A	Lettuce, leaf	0.645780	1.000	1.000
0401248000	4A	Parsley, leaves	0.697980	1.000	1.000
0401313000	4A	Radicchio	0.645780	1.000	1.000
0401355000	4A	Spinach	0.002150	1.000	1.000
0401355001	4A	Spinach-babyfood	0.002150	1.000	1.000
0402076000	4B	Cardoon	0.227420	1.000	1.000
0402085000	4B	Celery	0.227420	1.000	1.000
0402085001	4B	Celery-babyfood	0.227420	1.000	1.000
0402086000	4B	Celery, juice	0.227420	1.000	1.000
0402087000	4B	Celtuce	0.227420	1.000	1.000
0402152000	4B	Fennel, Florence	0.227420	1.000	1.000
0402322000	4B	Rhubarb	0.227420	1.000	1.000
0402367000	4B	Swiss chard	0.227420	1.000	1.000
0501061000	5A	Broccoli	0.027970	1.000	1.000
0501061001	5A	Broccoli-babyfood	0.027970	1.000	1.000
0501062000	5A	Broccoli, Chinese	0.027970	1.000	1.000
0501064000	5A	Brussels sprouts	0.027970	1.000	1.000
0501069000	5A	Cabbage	0.027970	1.000	1.000
0501071000	5A	Cabbage, Chinese, napa	0.027970	1.000	1.000
0501072000	5A	Cabbage, Chinese, mustard	0.027970	1.000	1.000
0501083000	5A	Cauliflower	0.027970	1.000	1.000
0501196000	5A	Kohlrabi	0.027970	1.000	1.000
0502063000	5B	Broccoli raab	0.400220	1.000	1.000
0502070000	5B	Cabbage, Chinese, bok choy	0.400220	1.000	1.000
0502117000	5B	Collards	0.400220	1.000	1.000
0502194000	5B	Kale	0.400220	1.000	1.000
0502229000	5B	Mustard greens	0.400220	1.000	1.000
0502318000	5B	Rape greens	0.400220	1.000	1.000
0502389000	5B	Turnip, greens	1.439930	1.000	1.000
0600347000	6	Soybean, seed	0.090050	1.000	1.000
0600349000	6	Soybean, soy milk	0.090050	1.000	1.000
0600349001	6	Soybean, soy milk-babyfood or in	0.090050	1.000	1.000
0600350000	6	Soybean, oil	0.100140	1.000	1.000
0600350001	6	Soybean, oil-babyfood	0.100140	1.000	1.000
0601043000	6A	Bean, snap, succulent	0.055940	1.000	1.000
0601043001	6A	Bean, snap, succulent-babyfood	0.055940	1.000	1.000
0601257000	6A	Pea, edible podded, succulent	0.005200	1.000	1.000
0602031000	6B	Bean, broad, succulent	0.005270	1.000	1.000
0602033000	6B	Bean, cowpea, succulent	0.005270	1.000	1.000
0602037000	6B	Bean, lima, succulent	0.005270	1.000	1.000
0602255000	6B	Pea, succulent	0.005200	1.000	1.000
0602255001	6B	Pea, succulent-babyfood	0.005200	1.000	1.000
0602259000	6B	Pea, pigeon, succulent	0.005200	1.000	1.000
0603030000	6C	Bean, black, seed	0.065160	1.000	1.000
0603032000	6C	Bean, broad, seed	0.065160	1.000	1.000
0603034000	6C	Bean, cowpea, seed	0.065160	1.000	1.000
0603035000	6C	Bean, great northern, seed	0.065160	1.000	1.000
0603036000	6C	Bean, kidney, seed	0.065160	1.000	1.000
0603038000	6C	Bean, lima, seed	0.065160	1.000	1.000
0603039000	6C	Bean, mung, seed	0.065160	1.000	1.000
0603040000	6C	Bean, navy, seed	0.065160	1.000	1.000
0603041000	6C	Bean, pink, seed	0.065160	1.000	1.000
0603042000	6C	Bean, pinto, seed	0.071410	1.000	1.000
0603098000	6C	Chickpea, seed	0.060630	1.000	1.000
0603098001	6C	Chickpea, seed-babyfood	0.060630	1.000	1.000
0603099000	6C	Chickpea, flour	0.060630	1.000	1.000
0603182000	6C	Guar, seed	0.065160	1.000	1.000
0603182001	6C	Guar, seed-babyfood	0.065160	1.000	1.000
0603203000	6C	Lentil, seed	0.071410	1.000	1.000
0603256000	6C	Pea, dry	0.071410	1.000	1.000

0603256001	6C	Pea, dry-babyfood	0.071410	1.000	1.000
0603258000	6C	Pea, pigeon, seed	0.071410	1.000	1.000
0603348000	6C	Soybean, flour	0.090050	1.000	1.000
0603348001	6C	Soybean, flour-babyfood	0.090050	1.000	1.000
0801374000	8A	Tomatillo	0.385570	1.000	1.000
0801375000	8A	Tomato	0.385570	1.000	1.000
0801375001	8A	Tomato-babyfood	0.385570	1.000	1.000
0801376000	8A	Tomato, paste	0.388920	5.400	1.000
0801376001	8A	Tomato, paste-babyfood	0.388920	5.400	1.000
0801377000	8A	Tomato, puree	0.386520	3.300	1.000
0801377001	8A	Tomato, puree-babyfood	0.386520	3.300	1.000
0801378000	8A	Tomato, dried	0.385570	14.300	1.000
0801378001	8A	Tomato, dried-babyfood	0.385570	14.300	1.000
0801379000	8A	Tomato, juice	0.385570	1.500	1.000
0802148000	8BC	Eggplant	0.036510	1.000	1.000
0802234000	8BC	Okra	0.036210	1.000	1.000
0802270000	8B	Pepper, bell	0.067250	1.000	1.000
0802270001	8B	Pepper, bell-babyfood	0.067250	1.000	1.000
0802271000	8B	Pepper, bell, dried	0.084580	1.000	1.000
0802271001	8B	Pepper, bell, dried-babyfood	0.084580	1.000	1.000
0802272000	8BC	Pepper, nonbell	0.067250	1.000	1.000
0802272001	8BC	Pepper, nonbell-babyfood	0.067250	1.000	1.000
0802273000	8BC	Pepper, nonbell, dried	0.084580	1.000	1.000
0901075000	9A	Cantaloupe	0.027730	1.000	1.000
0901187000	9A	Honeydew melon	0.027730	1.000	1.000
0901399000	9A	Watermelon	0.027730	1.000	1.000
0901400000	9A	Watermelon, juice	0.027730	1.000	1.000
0902021000	9B	Balsam pear	0.036110	1.000	1.000
0902088000	9B	Chayote, fruit	0.036110	1.000	1.000
0902102000	9B	Chinese waxgourd	0.036110	1.000	1.000
0902135000	9B	Cucumber	0.036110	1.000	1.000
0902308000	9B	Pumpkin	0.036110	1.000	1.000
0902309000	9B	Pumpkin, seed	0.036110	1.000	1.000
0902356000	9B	Squash, summer	0.036110	1.000	1.000
0902356001	9B	Squash, summer-babyfood	0.036110	1.000	1.000
0902357000	9B	Squash, winter	0.036110	1.000	1.000
0902357001	9B	Squash, winter-babyfood	0.036110	1.000	1.000
1001106000	10A	Citron	0.356310	1.000	1.000
1001107000	10A	Citrus hybrids	0.356310	1.000	1.000
1001108000	10A	Citrus, oil	43.996370	1.000	1.000
1001240000	10A	Orange	0.356310	1.000	1.000
1001241000	10A	Orange, juice	0.356310	1.800	1.000
1001241001	10A	Orange, juice-babyfood	0.356310	1.800	1.000
1001242000	10A	Orange, peel	0.356310	1.000	1.000
1001369000	10A	Tangerine	0.356310	1.000	1.000
1001370000	10A	Tangerine, juice	0.356310	2.300	1.000
1002197000	10B	Kumquat	0.356310	1.000	1.000
1002199000	10B	Lemon	0.356310	1.000	1.000
1002200000	10B	Lemon, juice	0.356310	2.000	1.000
1002200001	10B	Lemon, juice-babyfood	0.356310	2.000	1.000
1002201000	10B	Lemon, peel	0.356310	1.000	1.000
1002206000	10B	Lime	0.356310	1.000	1.000
1002207000	10B	Lime, juice	0.356310	2.000	1.000
1002207001	10B	Lime, juice-babyfood	0.356310	2.000	1.000
1003180000	10C	Grapefruit	0.356310	1.000	1.000
1003181000	10C	Grapefruit, juice	0.356310	2.100	1.000
1003307000	10C	Pummelo	0.356310	1.000	1.000
1100007000	11	Apple, fruit with peel	0.025190	1.000	1.000
1100008000	11	Apple, peeled fruit	0.025190	1.000	1.000
1100008001	11	Apple, peeled fruit-babyfood	0.025190	1.000	1.000
1100009000	11	Apple, dried	0.025190	8.000	1.000
1100009001	11	Apple, dried-babyfood	0.025190	8.000	1.000
1100010000	11	Apple, juice	0.025190	1.300	1.000
1100010001	11	Apple, juice-babyfood	0.025190	1.300	1.000
1100011000	11	Apple, sauce	0.025190	1.000	1.000
1100011001	11	Apple, sauce-babyfood	0.025190	1.000	1.000
1100129000	11	Crabapple	0.017310	1.000	1.000
1100210000	11	Loquat	0.017310	1.000	1.000
1100266000	11	Pear	0.017310	1.000	1.000
1100266001	11	Pear-babyfood	0.017310	1.000	1.000
1100267000	11	Pear, dried	0.017310	6.250	1.000

1100268000	11	Pear, juice	0.017310	1.300	1.000
1100268001	11	Pear, juice-babyfood	0.017310	1.300	1.000
1100310000	11	Quince	0.010170	1.000	1.000
1201090000	12A	Cherry	0.209900	1.000	1.000
1201090001	12A	Cherry-babyfood	0.209900	1.000	1.000
1201091000	12A	Cherry, juice	0.209900	1.500	1.000
1201091001	12A	Cherry, juice-babyfood	0.209900	1.500	1.000
1202012000	12B	Apricot	0.192730	1.000	1.000
1202012001	12B	Apricot-babyfood	0.192730	1.000	1.000
1202013000	12B	Apricot, dried	0.192730	6.000	1.000
1202014000	12B	Apricot, juice	0.192730	1.000	1.000
1202014001	12B	Apricot, juice-babyfood	0.192730	1.000	1.000
1202230000	12B	Nectarine	0.192730	1.000	1.000
1202260000	12B	Peach	0.192730	1.000	1.000
1202260001	12B	Peach-babyfood	0.192730	1.000	1.000
1202261000	12B	Peach, dried	0.192730	7.000	1.000
1202261001	12B	Peach, dried-babyfood	0.192730	7.000	1.000
1202262000	12B	Peach, juice	0.192730	1.000	1.000
1202262001	12B	Peach, juice-babyfood	0.192730	1.000	1.000
1203285000	12C	Plum	0.122030	1.000	1.000
1203285001	12C	Plum-babyfood	0.122030	1.000	1.000
1203286000	12C	Plum, prune, fresh	0.122030	1.000	1.000
1203286001	12C	Plum, prune, fresh-babyfood	0.122030	1.000	1.000
1203287000	12C	Plum, prune, dried	0.151860	5.000	1.000
1203287001	12C	Plum, prune, dried-babyfood	0.151860	5.000	1.000
1203288000	12C	Plum, prune, juice	0.122030	1.400	1.000
1203288001	12C	Plum, prune, juice-babyfood	0.122030	1.400	1.000
1301055000	13A	Blackberry	0.069330	1.000	1.000
1301056000	13A	Blackberry, juice	0.069330	1.000	1.000
1301056001	13A	Blackberry, juice-babyfood	0.069330	1.000	1.000
1301058000	13A	Boysenberry	0.069330	1.000	1.000
1301208000	13A	Loganberry	0.069330	1.000	1.000
1301320000	13A	Raspberry	0.069330	1.000	1.000
1301320001	13A	Raspberry-babyfood	0.069330	1.000	1.000
1301321000	13A	Raspberry, juice	0.069330	1.000	1.000
1301321001	13A	Raspberry, juice-babyfood	0.069330	1.000	1.000
1302057000	13B	Blueberry	0.137650	1.000	1.000
1302057001	13B	Blueberry-babyfood	0.137650	1.000	1.000
1302136000	13B	Currant	0.235280	1.000	1.000
1302137000	13B	Currant, dried	0.235280	4.300	1.000
1302149000	13B	Elderberry	0.137150	1.000	1.000
1302174000	13B	Gooseberry	0.117620	1.000	1.000
1302191000	13B	Huckleberry	0.137150	1.000	1.000
1304175000	13D	Grape	0.080020	1.000	1.000
1304176000	13D	Grape, juice	0.080020	1.200	1.000
1304176001	13D	Grape, juice-babyfood	0.080020	1.200	1.000
1304179000	13D	Grape, wine and sherry	0.080020	1.200	1.000
1304195000	13D	Kiwifruit, fuzzy	0.036010	1.000	1.000
1307130000	13G	Cranberry	0.054880	1.000	1.000
1307130001	13G	Cranberry-babyfood	0.054880	1.000	1.000
1307131000	13G	Cranberry, dried	0.054880	4.300	1.000
1307132000	13G	Cranberry, juice	0.054880	1.100	1.000
1307132001	13G	Cranberry, juice-babyfood	0.054880	1.100	1.000
1307359000	13G	Strawberry	0.082550	1.000	1.000
1307359001	13G	Strawberry-babyfood	0.082550	1.000	1.000
1307360000	13G	Strawberry, juice	0.082550	1.000	1.000
1307360001	13G	Strawberry, juice-babyfood	0.082550	1.000	1.000
1400003000	14	Almond	0.041940	1.000	1.000
1400003001	14	Almond-babyfood	0.041940	1.000	1.000
1400004000	14	Almond, oil	0.041940	1.000	1.000
1400004001	14	Almond, oil-babyfood	0.041940	1.000	1.000
1400059000	14	Brazil nut	0.006280	1.000	1.000
1400068000	14	Butternut	0.006280	1.000	1.000
1400081000	14	Cashew	0.006280	1.000	1.000
1400092000	14	Chestnut	0.042250	1.000	1.000
1400155000	14	Hazelnut	0.006280	1.000	1.000
1400156000	14	Hazelnut, oil	0.006280	1.000	1.000
1400185000	14	Hickory nut	0.006280	1.000	1.000
1400213000	14	Macadamia nut	0.006280	1.000	1.000
1400269000	14	Pecan	0.006530	1.000	1.000
1400282000	14	Pistachio	0.042250	1.000	1.000

1400391000	14	Walnut	0.006280	1.000	1.000
1500025000	15	Barley, pearled barley	0.164390	1.000	1.000
1500025001	15	Barley, pearled barley-babyfood	0.164390	1.000	1.000
1500026000	15	Barley, flour	0.164390	1.000	1.000
1500026001	15	Barley, flour-babyfood	0.164390	1.000	1.000
1500027000	15	Barley, bran	0.167760	1.000	1.000
1500065000	15	Buckwheat	0.027870	1.000	1.000
1500066000	15	Buckwheat, flour	0.027870	1.000	1.000
1500120000	15	Corn, field, flour	0.020070	1.000	1.000
1500120001	15	Corn, field, flour-babyfood	0.020070	1.000	1.000
1500121000	15	Corn, field, meal	0.020070	1.000	1.000
1500121001	15	Corn, field, meal-babyfood	0.020070	1.000	1.000
1500122000	15	Corn, field, bran	0.020070	1.000	1.000
1500123000	15	Corn, field, starch	0.020070	1.000	1.000
1500123001	15	Corn, field, starch-babyfood	0.020070	1.000	1.000
1500124000	15	Corn, field, syrup	0.020070	1.500	1.000
1500124001	15	Corn, field, syrup-babyfood	0.020070	1.500	1.000
1500125000	15	Corn, field, oil	0.020080	1.000	1.000
1500125001	15	Corn, field, oil-babyfood	0.020080	1.000	1.000
1500126000	15	Corn, pop	0.016540	1.000	1.000
1500127000	15	Corn, sweet	0.024350	1.000	1.000
1500127001	15	Corn, sweet-babyfood	0.024350	1.000	1.000
1500226000	15	Millet, grain	0.027870	1.000	1.000
1500231000	15	Oat, bran	0.075050	1.000	1.000
1500232000	15	Oat, flour	0.071690	1.000	1.000
1500232001	15	Oat, flour-babyfood	0.071690	1.000	1.000
1500233000	15	Oat, groats/rolled oats	0.071690	1.000	1.000
1500233001	15	Oat, groats/rolled oats-babyfood	0.071690	1.000	1.000
1500323000	15	Rice, white	0.324370	1.000	1.000
1500323001	15	Rice, white-babyfood	0.324370	1.000	1.000
1500324000	15	Rice, brown	0.324370	1.000	1.000
1500324001	15	Rice, brown-babyfood	0.324370	1.000	1.000
1500325000	15	Rice, flour	0.324370	1.000	1.000
1500325001	15	Rice, flour-babyfood	0.324370	1.000	1.000
1500326000	15	Rice, bran	0.674210	1.000	1.000
1500326001	15	Rice, bran-babyfood	0.674210	1.000	1.000
1500328000	15	Rye, grain	0.026890	1.000	1.000
1500329000	15	Rye, flour	0.026890	1.000	1.000
1500344000	15	Sorghum, grain	0.150420	1.000	1.000
1500345000	15	Sorghum, syrup	0.150420	1.000	1.000
1500381000	15	Triticale, flour	0.022910	1.000	1.000
1500381001	15	Triticale, flour-babyfood	0.022910	1.000	1.000
1500401000	15	Wheat, grain	0.022510	1.000	1.000
1500401001	15	Wheat, grain-babyfood	0.022510	1.000	1.000
1500402000	15	Wheat, flour	0.022920	1.000	1.000
1500402001	15	Wheat, flour-babyfood	0.022920	1.000	1.000
1500403000	15	Wheat, germ	0.022980	1.000	1.000
1500404000	15	Wheat, bran	0.023200	1.000	1.000
1500405000	15	Wild rice	0.023060	1.000	1.000
1901118000	19A	Cilantro, leaves	0.697980	1.000	1.000
1901118001	19A	Cilantro, leaves-babyfood	0.697980	1.000	1.000
1901249000	19A	Parsley, dried leaves	1.766010	1.000	1.000
1901249001	19A	Parsley, dried leaves-babyfood	1.766010	1.000	1.000
2001319000	20A	Rapeseed, oil	0.016040	1.000	1.000
2001319001	20A	Rapeseed, oil-babyfood	0.016040	1.000	1.000
2002364000	20B	Sunflower, seed	0.002850	1.000	1.000
2002365000	20B	Sunflower, oil	0.002850	1.000	1.000
2002365001	20B	Sunflower, oil-babyfood	0.002850	1.000	1.000
2003128000	20C	Cottonseed, oil	0.100550	1.000	1.000
2003128001	20C	Cottonseed, oil-babyfood	0.100550	1.000	1.000
2100228000	21	Mushroom	0.005050	1.000	1.000
3100044000	31	Beef, meat	0.006500	1.000	1.000
3100044001	31	Beef, meat-babyfood	0.006500	1.000	1.000
3100045000	31	Beef, meat, dried	0.006500	1.920	1.000
3100046000	31	Beef, meat byproducts	0.017370	1.000	1.000
3100046001	31	Beef, meat byproducts-babyfood	0.017370	1.000	1.000
3100047000	31	Beef, fat	0.012550	1.000	1.000
3100047001	31	Beef, fat-babyfood	0.012550	1.000	1.000
3100048000	31	Beef, kidney	0.090720	1.000	1.000
3100049000	31	Beef, liver	0.116080	1.000	1.000
3100049001	31	Beef, liver-babyfood	0.116080	1.000	1.000

3200169000	32	Goat, meat	0.006500	1.000	1.000
3200170000	32	Goat, meat byproducts	0.017370	1.000	1.000
3200171000	32	Goat, fat	0.012550	1.000	1.000
3200172000	32	Goat, kidney	0.090720	1.000	1.000
3200173000	32	Goat, liver	0.116080	1.000	1.000
3300189000	33	Horse, meat	0.006500	1.000	1.000
3400290000	34	Pork, meat	0.006450	1.000	1.000
3400290001	34	Pork, meat-babyfood	0.006450	1.000	1.000
3400291000	34	Pork, skin	0.005070	1.000	1.000
3400292000	34	Pork, meat byproducts	0.013650	1.000	1.000
3400292001	34	Pork, meat byproducts-babyfood	0.013650	1.000	1.000
3400293000	34	Pork, fat	0.005070	1.000	1.000
3400293001	34	Pork, fat-babyfood	0.005070	1.000	1.000
3400294000	34	Pork, kidney	0.013230	1.000	1.000
3400295000	34	Pork, liver	0.055190	1.000	1.000
3500339000	35	Sheep, meat	0.006500	1.000	1.000
3500339001	35	Sheep, meat-babyfood	0.006500	1.000	1.000
3500340000	35	Sheep, meat byproducts	0.017370	1.000	1.000
3500341000	35	Sheep, fat	0.012550	1.000	1.000
3500341001	35	Sheep, fat-babyfood	0.012550	1.000	1.000
3500342000	35	Sheep, kidney	0.090720	1.000	1.000
3500343000	35	Sheep, liver	0.116080	1.000	1.000
3600222000	36	Milk, fat	0.044810	1.000	1.000
3600222001	36	Milk, fat-baby food/infant formu	0.044810	1.000	1.000
3600223000	36	Milk, nonfat solids	0.007520	1.000	1.000
3600223001	36	Milk, nonfat solids-baby food/in	0.007520	1.000	1.000
3600224000	36	Milk, water	0.007520	1.000	1.000
3600224001	36	Milk, water-babyfood/infant form	0.007520	1.000	1.000
3600225001	36	Milk, sugar (lactose)-baby food/	0.007520	1.000	1.000
3800221000	38	Meat, game	0.006500	1.000	1.000
3900312000	39	Rabbit, meat	0.006500	1.000	1.000
4000093000	40	Chicken, meat	0.001910	1.000	1.000
4000093001	40	Chicken, meat-babyfood	0.001910	1.000	1.000
4000094000	40	Chicken, liver	0.005670	1.000	1.000
4000095000	40	Chicken, meat byproducts	0.005670	1.000	1.000
4000095001	40	Chicken, meat byproducts-babyfoo	0.005670	1.000	1.000
4000096000	40	Chicken, fat	0.005670	1.000	1.000
4000096001	40	Chicken, fat-babyfood	0.005670	1.000	1.000
4000097000	40	Chicken, skin	0.005670	1.000	1.000
4000097001	40	Chicken, skin-babyfood	0.005670	1.000	1.000
5000382000	50	Turkey, meat	0.001910	1.000	1.000
5000382001	50	Turkey, meat-babyfood	0.001910	1.000	1.000
5000383000	50	Turkey, liver	0.005670	1.000	1.000
5000383001	50	Turkey, liver-babyfood	0.005670	1.000	1.000
5000384000	50	Turkey, meat byproducts	0.005670	1.000	1.000
5000384001	50	Turkey, meat byproducts-babyfood	0.005670	1.000	1.000
5000385000	50	Turkey, fat	0.005670	1.000	1.000
5000385001	50	Turkey, fat-babyfood	0.005670	1.000	1.000
5000386000	50	Turkey, skin	0.005670	1.000	1.000
5000386001	50	Turkey, skin-babyfood	0.005670	1.000	1.000
6000301000	60	Poultry, other, meat	0.001910	1.000	1.000
6000302000	60	Poultry, other, liver	0.005670	1.000	1.000
6000303000	60	Poultry, other, meat byproducts	0.005670	1.000	1.000
6000304000	60	Poultry, other, fat	0.005670	1.000	1.000
6000305000	60	Poultry, other, skin	0.005670	1.000	1.000
7000145000	70	Egg, whole	0.004340	1.000	1.000
7000145001	70	Egg, whole-babyfood	0.004340	1.000	1.000
7000146000	70	Egg, white	0.004340	1.000	1.000
7000146001	70	Egg, white (solids)-babyfood	0.004340	1.000	1.000
7000147000	70	Egg, yolk	0.004340	1.000	1.000
7000147001	70	Egg, yolk-babyfood	0.004340	1.000	1.000
8601000000	86A	Water, direct, all sources	0.041000	1.000	1.000
8602000000	86B	Water, indirect, all sources	0.041000	1.000	1.000
9500016000	O	Artichoke, globe	0.064580	1.000	1.000
9500019000	O	Asparagus	0.002790	1.000	1.000
9500020000	O	Avocado	0.504570	1.000	1.000
9500023000	O	Banana	0.050450	1.000	1.000
9500023001	O	Banana-babyfood	0.050450	1.000	1.000
9500024000	O	Banana, dried	0.050450	3.900	1.000
9500024001	O	Banana, dried-babyfood	0.050450	3.900	1.000
9500074000	O	Canistel	0.215260	1.000	1.000

9500115000 O	Coffee, roasted bean	0.019150	1.000	1.000
9500116000 O	Coffee, instant	0.019150	1.000	1.000
95001177000 O	Grape, leaves	0.080020	1.000	1.000
95001178000 O	Grape, raisin	0.125900	4.300	1.000
95001188000 O	Hop	1.902320	1.000	1.000
9500211000 O	Lychee	0.091190	1.000	1.000
9500212000 O	Lychee, dried	0.091190	1.850	1.000
9500215000 O	Mango	0.168590	1.000	1.000
9500215001 O	Mango-babyfood	0.168590	1.000	1.000
9500216000 O	Mango, dried	0.168590	1.000	1.000
9500217000 O	Mango, juice	0.168590	1.000	1.000
9500217001 O	Mango, juice-babyfood	0.168590	1.000	1.000
9500245000 O	Papaya	0.182950	1.000	1.000
9500245001 O	Papaya-babyfood	0.182950	1.000	1.000
9500246000 O	Papaya, dried	0.182950	1.800	1.000
9500247000 O	Papaya, juice	0.182950	1.500	1.000
9500263000 O	Peanut	0.078240	1.000	1.000
9500264000 O	Peanut, butter	0.079530	1.890	1.000
9500265000 O	Peanut, oil	0.079350	1.000	1.000
9500275000 O	Peppermint	0.489990	1.000	1.000
9500276000 O	Peppermint, oil	0.489990	1.000	1.000
9500279000 O	Pineapple	0.281950	1.000	1.000
9500279001 O	Pineapple-babyfood	0.281950	1.000	1.000
9500280000 O	Pineapple, dried	0.281950	5.000	1.000
9500281000 O	Pineapple, juice	0.281950	1.700	1.000
9500281001 O	Pineapple, juice-babyfood	0.281950	1.700	1.000
9500283000 O	Plantain	0.050450	1.000	1.000
9500284000 O	Plantain, dried	0.050450	3.900	1.000
9500333000 O	Sapote, Mamey	0.215260	1.000	1.000
9500352000 O	Spearmint	0.489990	1.000	1.000
9500353000 O	Spearmint, oil	0.489990	1.000	1.000
9500362000 O	Sugarcane, sugar	0.012010	1.000	1.000
9500362001 O	Sugarcane, sugar-babyfood	0.012010	1.000	1.000
9500363000 O	Sugarcane, molasses	0.012010	1.000	1.000
9500363001 O	Sugarcane, molasses-babyfood	0.012010	1.000	1.000

## Attachment 2. Inputs for the chronic dietary exposure and risk analysis of 1,2,4-triazole.

Filename: C:\Documents and Settings\tmorton\My Documents\MyFiles\DEEM Files\Triazole Risk  
 Assessment 4-2013 CW Prothio\TRIAZOLE CHRONIC.R08  
 Chemical: 1,2,4-Triazole  
 RfD(Chronic): .005 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .03 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day  
 Date created/last modified: 05-14-2013/07:31:54 Program ver. 3.16, FCID1

EPA Code	Crop Grp	Commodity Name	Def (ppm)	Res #1	Adj. Factors #2	Comment
0101050000	1AB	Beet, garden, roots	0.021580	1.000	1.000	
0101050001	1AB	Beet, garden, roots-babyfood	0.021580	1.000	1.000	
0101052000	1A	Beet, sugar	0.017020	1.000	1.000	
0101052001	1A	Beet, sugar-babyfood	0.017020	1.000	1.000	
0101053000	1A	Beet, sugar, molasses	0.029140	1.000	1.000	
0101053001	1A	Beet, sugar, molasses-babyfood	0.029140	1.000	1.000	
0101067000	1AB	Burdock	0.002150	1.000	1.000	
0101078000	1AB	Carrot	0.010560	1.000	1.000	
0101078001	1AB	Carrot-babyfood	0.010560	1.000	1.000	
0101079000	1AB	Carrot, juice	0.010560	1.000	1.000	
0101084000	1AB	Celeriac	0.002150	1.000	1.000	
0101100000	1AB	Chicory, roots	0.002150	1.000	1.000	
0101168000	1AB	Ginseng, dried	0.002150	1.000	1.000	
0101190000	1AB	Horseradish	0.002150	1.000	1.000	
0101250000	1AB	Parsley, turnip rooted	0.002150	1.000	1.000	
0101251000	1AB	Parsnip	0.002150	1.000	1.000	
0101251001	1AB	Parsnip-babyfood	0.002150	1.000	1.000	
0101314000	1AB	Radish, roots	0.002150	1.000	1.000	
0101316000	1AB	Radish, Oriental, roots	0.002150	1.000	1.000	
0101327000	1AB	Rutabaga	0.002150	1.000	1.000	
0101331000	1AB	Salsify, roots	0.002150	1.000	1.000	
0101388000	1AB	Turnip, roots	0.013580	1.000	1.000	
0103015000	1CD	Arrowroot, flour	0.036910	1.000	1.000	
0103015001	1CD	Arrowroot, flour-babyfood	0.036910	1.000	1.000	
0103017000	1CD	Artichoke, Jerusalem	0.036910	1.000	1.000	
0103082000	1CD	Cassava	0.036910	1.000	1.000	
0103082001	1CD	Cassava-babyfood	0.036910	1.000	1.000	
0103139000	1CD	Dasheen, corm	0.036910	1.000	1.000	
0103166000	1CD	Ginger	0.036910	1.000	1.000	
0103166001	1CD	Ginger-babyfood	0.036910	1.000	1.000	
0103167000	1CD	Ginger, dried	0.036910	1.000	1.000	
0103296000	1C	Potato, chips	0.036910	1.000	1.000	
0103297000	1C	Potato, dry (granules/ flakes)	0.036910	6.500	1.000	
0103297001	1C	Potato, dry (granules/ flakes)-b	0.036910	6.500	1.000	
0103298000	1C	Potato, flour	0.036910	1.000	1.000	
0103298001	1C	Potato, flour-babyfood	0.036910	1.000	1.000	
0103299000	1C	Potato, tuber, w/peel	0.036910	1.000	1.000	
0103299001	1C	Potato, tuber, w/peel-babyfood	0.036910	1.000	1.000	
0103300000	1C	Potato, tuber, w/o peel	0.036910	1.000	1.000	
0103300001	1C	Potato, tuber, w/o peel-babyfood	0.036910	1.000	1.000	
0103366000	1CD	Sweet potato	0.036910	1.000	1.000	
0103366001	1CD	Sweet potato-babyfood	0.036910	1.000	1.000	
0103371000	1CD	Tanier, corm	0.036910	1.000	1.000	
0103387000	1CD	Turmeric	0.036910	1.000	1.000	
0103406000	1CD	Yam, true	0.036910	1.000	1.000	
0103407000	1CD	Yam bean	0.036910	1.000	1.000	
0200051000	2	Beet, garden, tops	0.202910	1.000	1.000	
0200101000	2	Chicory, tops	0.002150	1.000	1.000	
0200140000	2	Dasheen, leaves	0.002150	1.000	1.000	
0200315000	2	Radish, tops	0.002150	1.000	1.000	
0200317000	2	Radish, Oriental, tops	0.002150	1.000	1.000	
0200332000	2	Salsify, tops	0.002150	1.000	1.000	
0301165000	3A	Garlic, bulb	0.011020	1.000	1.000	
0301165001	3A	Garlic, bulb-babyfood	0.011020	1.000	1.000	
0301237000	3A	Onion, bulb	0.011020	1.000	1.000	
0301237001	3A	Onion, bulb-babyfood	0.011020	1.000	1.000	
0301238000	3A	Onion, bulb, dried	0.011020	9.000	1.000	
0301238001	3A	Onion, bulb, dried-babyfood	0.011020	9.000	1.000	

0302198000	3B	Leek	0.225340	1.000	1.000
0302239000	3B	Onion, green	0.225340	1.000	1.000
0302338500	3B	Shallot, fresh leaves	0.011020	1.000	1.000
0401005000	4A	Amaranth, leafy	0.645780	1.000	1.000
0401018000	4A	Arugula	0.645780	1.000	1.000
0401104000	4A	Chrysanthemum, garland	0.645780	1.000	1.000
0401133000	4A	Cress, garden	0.645780	1.000	1.000
0401134000	4A	Cress, upland	0.645780	1.000	1.000
0401138000	4A	Dandelion, leaves	0.645780	1.000	1.000
0401150000	4A	Endive	0.645780	1.000	1.000
0401204000	4A	Lettuce, head	0.645780	1.000	1.000
0401205000	4A	Lettuce, leaf	0.645780	1.000	1.000
0401248000	4A	Parsley, leaves	0.650860	1.000	1.000
0401313000	4A	Radicchio	0.645780	1.000	1.000
0401355000	4A	Spinach	0.002150	1.000	1.000
0401355001	4A	Spinach-babyfood	0.002150	1.000	1.000
0402076000	4B	Cardoon	0.127220	1.000	1.000
0402085000	4B	Celery	0.127220	1.000	1.000
0402085001	4B	Celery-babyfood	0.127220	1.000	1.000
0402086000	4B	Celery, juice	0.127220	1.000	1.000
0402087000	4B	Celtuce	0.127220	1.000	1.000
0402152000	4B	Fennel, Florence	0.127220	1.000	1.000
0402322000	4B	Rhubarb	0.127220	1.000	1.000
0402367000	4B	Swiss chard	0.127220	1.000	1.000
0501061000	5A	Broccoli	0.026190	1.000	1.000
0501061001	5A	Broccoli-babyfood	0.026190	1.000	1.000
0501062000	5A	Broccoli, Chinese	0.026190	1.000	1.000
0501064000	5A	Brussels sprouts	0.026190	1.000	1.000
0501069000	5A	Cabbage	0.026190	1.000	1.000
0501071000	5A	Cabbage, Chinese, napa	0.026190	1.000	1.000
0501072000	5A	Cabbage, Chinese, mustard	0.026190	1.000	1.000
0501083000	5A	Cauliflower	0.026190	1.000	1.000
0501196000	5A	Kohlrabi	0.026190	1.000	1.000
0502063000	5B	Broccoli raab	0.327570	1.000	1.000
0502070000	5B	Cabbage, Chinese, bok choy	0.327570	1.000	1.000
0502117000	5B	Collards	0.327570	1.000	1.000
0502194000	5B	Kale	0.327570	1.000	1.000
0502229000	5B	Mustard greens	0.327570	1.000	1.000
0502318000	5B	Rape greens	0.327570	1.000	1.000
0502389000	5B	Turnip, greens	0.706980	1.000	1.000
0600347000	6	Soybean, seed	0.021750	1.000	1.000
0600349000	6	Soybean, soy milk	0.021750	1.000	1.000
0600349001	6	Soybean, soy milk-babyfood or in	0.021750	1.000	1.000
0600350000	6	Soybean, oil	0.032740	1.000	1.000
0600350001	6	Soybean, oil-babyfood	0.032740	1.000	1.000
0601043000	6A	Bean, snap, succulent	0.022530	1.000	1.000
0601043001	6A	Bean, snap, succulent-babyfood	0.022530	1.000	1.000
0601257000	6A	Pea, edible podded, succulent	0.002820	1.000	1.000
0602031000	6B	Bean, broad, succulent	0.003380	1.000	1.000
0602033000	6B	Bean, cowpea, succulent	0.003380	1.000	1.000
0602037000	6B	Bean, lima, succulent	0.003380	1.000	1.000
0602255000	6B	Pea, succulent	0.002820	1.000	1.000
0602255001	6B	Pea, succulent-babyfood	0.002820	1.000	1.000
0602259000	6B	Pea, pigeon, succulent	0.002820	1.000	1.000
0603030000	6C	Bean, black, seed	0.038530	1.000	1.000
0603032000	6C	Bean, broad, seed	0.038530	1.000	1.000
0603034000	6C	Bean, cowpea, seed	0.038530	1.000	1.000
0603035000	6C	Bean, great northern, seed	0.038530	1.000	1.000
0603036000	6C	Bean, kidney, seed	0.038530	1.000	1.000
0603038000	6C	Bean, lima, seed	0.038530	1.000	1.000
0603039000	6C	Bean, mung, seed	0.038530	1.000	1.000
0603040000	6C	Bean, navy, seed	0.038530	1.000	1.000
0603041000	6C	Bean, pink, seed	0.038530	1.000	1.000
0603042000	6C	Bean, pinto, seed	0.045910	1.000	1.000
0603098000	6C	Chickpea, seed	0.032880	1.000	1.000
0603098001	6C	Chickpea, seed-babyfood	0.032880	1.000	1.000
0603099000	6C	Chickpea, flour	0.032880	1.000	1.000
0603182000	6C	Guar, seed	0.038530	1.000	1.000
0603182001	6C	Guar, seed-babyfood	0.038530	1.000	1.000
0603203000	6C	Lentil, seed	0.045910	1.000	1.000
0603256000	6C	Pea, dry	0.045910	1.000	1.000

0603256001	6C	Pea, dry-babyfood	0.045910	1.000	1.000
0603258000	6C	Pea, pigeon, seed	0.045910	1.000	1.000
0603348000	6C	Soybean, flour	0.021750	1.000	1.000
0603348001	6C	Soybean, flour-babyfood	0.021750	1.000	1.000
0801374000	8A	Tomatillo	0.114280	1.000	1.000
0801375000	8A	Tomato	0.114280	1.000	1.000
0801375001	8A	Tomato-babyfood	0.114280	1.000	1.000
0801376000	8A	Tomato, paste	0.117630	5.400	1.000
0801376001	8A	Tomato, paste-babyfood	0.117630	5.400	1.000
0801377000	8A	Tomato, puree	0.115240	3.300	1.000
0801377001	8A	Tomato, puree-babyfood	0.115240	3.300	1.000
0801378000	8A	Tomato, dried	0.114280	14.300	1.000
0801378001	8A	Tomato, dried-babyfood	0.114280	14.300	1.000
0801379000	8A	Tomato, juice	0.114280	1.500	1.000
0802148000	8BC	Eggplant	0.035380	1.000	1.000
0802234000	8BC	Okra	0.035080	1.000	1.000
0802270000	8B	Pepper, bell	0.037530	1.000	1.000
0802270001	8B	Pepper, bell-babyfood	0.037530	1.000	1.000
0802271000	8B	Pepper, bell, dried	0.048200	1.000	1.000
0802271001	8B	Pepper, bell, dried-babyfood	0.048200	1.000	1.000
0802272000	8BC	Pepper, nonbell	0.037530	1.000	1.000
0802272001	8BC	Pepper, nonbell-babyfood	0.037530	1.000	1.000
0802273000	8BC	Pepper, nonbell, dried	0.048200	1.000	1.000
0901075000	9A	Cantaloupe	0.024300	1.000	1.000
0901187000	9A	Honeydew melon	0.024300	1.000	1.000
0901399000	9A	Watermelon	0.024300	1.000	1.000
0901400000	9A	Watermelon, juice	0.024300	1.000	1.000
0902021000	9B	Balsam pear	0.027540	1.000	1.000
0902088000	9B	Chayote, fruit	0.027540	1.000	1.000
0902102000	9B	Chinese waxgourd	0.027540	1.000	1.000
0902135000	9B	Cucumber	0.027540	1.000	1.000
0902308000	9B	Pumpkin	0.027540	1.000	1.000
0902309000	9B	Pumpkin, seed	0.027540	1.000	1.000
0902356000	9B	Squash, summer	0.027540	1.000	1.000
0902356001	9B	Squash, summer-babyfood	0.027540	1.000	1.000
0902357000	9B	Squash, winter	0.027540	1.000	1.000
0902357001	9B	Squash, winter-babyfood	0.027540	1.000	1.000
1001106000	10A	Citron	0.156360	1.000	1.000
1001107000	10A	Citrus hybrids	0.156360	1.000	1.000
1001108000	10A	Citrus, oil	17.642650	1.000	1.000
1001240000	10A	Orange	0.156360	1.000	1.000
1001241000	10A	Orange, juice	0.156360	1.800	1.000
1001241001	10A	Orange, juice-babyfood	0.156360	1.800	1.000
1001242000	10A	Orange, peel	0.156360	1.000	1.000
1001369000	10A	Tangerine	0.156360	1.000	1.000
1001370000	10A	Tangerine, juice	0.156360	2.300	1.000
1002197000	10B	Kumquat	0.156360	1.000	1.000
1002199000	10B	Lemon	0.156360	1.000	1.000
1002200000	10B	Lemon, juice	0.156360	2.000	1.000
1002200001	10B	Lemon, juice-babyfood	0.156360	2.000	1.000
1002201000	10B	Lemon, peel	0.156360	1.000	1.000
1002206000	10B	Lime	0.156360	1.000	1.000
1002207000	10B	Lime, juice	0.156360	2.000	1.000
1002207001	10B	Lime, juice-babyfood	0.156360	2.000	1.000
1003180000	10C	Grapefruit	0.156360	1.000	1.000
1003181000	10C	Grapefruit, juice	0.156360	2.100	1.000
1003307000	10C	Pummelo	0.156360	1.000	1.000
1100007000	11	Apple, fruit with peel	0.016980	1.000	1.000
1100008000	11	Apple, peeled fruit	0.016980	1.000	1.000
1100008001	11	Apple, peeled fruit-babyfood	0.016980	1.000	1.000
1100009000	11	Apple, dried	0.016980	8.000	1.000
1100009001	11	Apple, dried-babyfood	0.016980	8.000	1.000
1100010000	11	Apple, juice	0.016980	1.300	1.000
1100010001	11	Apple, juice-babyfood	0.016980	1.300	1.000
1100011000	11	Apple, sauce	0.016980	1.000	1.000
1100011001	11	Apple, sauce-babyfood	0.016980	1.000	1.000
1100129000	11	Crabapple	0.014830	1.000	1.000
1100210000	11	Loquat	0.014830	1.000	1.000
1100266000	11	Pear	0.014830	1.000	1.000
1100266001	11	Pear-babyfood	0.014830	1.000	1.000
1100267000	11	Pear, dried	0.014830	6.250	1.000

1100268000	11	Pear, juice	0.014830	1.300	1.000
1100268001	11	Pear, juice-babyfood	0.014830	1.300	1.000
1100310000	11	Quince	0.007160	1.000	1.000
1201090000	12A	Cherry	0.110020	1.000	1.000
1201090001	12A	Cherry-babyfood	0.110020	1.000	1.000
1201091000	12A	Cherry, juice	0.110020	1.500	1.000
1201091001	12A	Cherry, juice-babyfood	0.110020	1.500	1.000
1202012000	12B	Apricot	0.082930	1.000	1.000
1202012001	12B	Apricot-babyfood	0.082930	1.000	1.000
1202013000	12B	Apricot, dried	0.082930	6.000	1.000
1202014000	12B	Apricot, juice	0.082930	1.000	1.000
1202014001	12B	Apricot, juice-babyfood	0.082930	1.000	1.000
1202230000	12B	Nectarine	0.082930	1.000	1.000
1202260000	12B	Peach	0.082930	1.000	1.000
1202260001	12B	Peach-babyfood	0.082930	1.000	1.000
1202261000	12B	Peach, dried	0.082930	7.000	1.000
1202261001	12B	Peach, dried-babyfood	0.082930	7.000	1.000
1202262000	12B	Peach, juice	0.082930	1.000	1.000
1202262001	12B	Peach, juice-babyfood	0.082930	1.000	1.000
1203285000	12C	Plum	0.058420	1.000	1.000
1203285001	12C	Plum-babyfood	0.058420	1.000	1.000
1203286000	12C	Plum, prune, fresh	0.058420	1.000	1.000
1203286001	12C	Plum, prune, fresh-babyfood	0.058420	1.000	1.000
1203287000	12C	Plum, prune, dried	0.080250	5.000	1.000
1203287001	12C	Plum, prune, dried-babyfood	0.080250	5.000	1.000
1203288000	12C	Plum, prune, juice	0.058420	1.400	1.000
1203288001	12C	Plum, prune, juice-babyfood	0.058420	1.400	1.000
1301055000	13A	Blackberry	0.058150	1.000	1.000
1301056000	13A	Blackberry, juice	0.058150	1.000	1.000
1301056001	13A	Blackberry, juice-babyfood	0.058150	1.000	1.000
1301058000	13A	Boysenberry	0.058150	1.000	1.000
1301208000	13A	Loganberry	0.058150	1.000	1.000
1301320000	13A	Raspberry	0.058150	1.000	1.000
1301320001	13A	Raspberry-babyfood	0.058150	1.000	1.000
1301321000	13A	Raspberry, juice	0.058150	1.000	1.000
1301321001	13A	Raspberry, juice-babyfood	0.058150	1.000	1.000
1302057000	13B	Blueberry	0.104440	1.000	1.000
1302057001	13B	Blueberry-babyfood	0.104440	1.000	1.000
1302136000	13B	Currant	0.135460	1.000	1.000
1302137000	13B	Currant, dried	0.135460	4.300	1.000
1302149000	13B	Elderberry	0.115520	1.000	1.000
1302174000	13B	Gooseberry	0.096980	1.000	1.000
1302191000	13B	Huckleberry	0.115520	1.000	1.000
1304175000	13D	Grape	0.055750	1.000	1.000
1304176000	13D	Grape, juice	0.055750	1.200	1.000
1304176001	13D	Grape, juice-babyfood	0.055750	1.200	1.000
1304179000	13D	Grape, wine and sherry	0.055750	1.200	1.000
1304195000	13D	Kiwifruit, fuzzy	0.036010	1.000	1.000
1307130000	13G	Cranberry	0.037480	1.000	1.000
1307130001	13G	Cranberry-babyfood	0.037480	1.000	1.000
1307131000	13G	Cranberry, dried	0.037480	4.300	1.000
1307132000	13G	Cranberry, juice	0.037480	1.100	1.000
1307132001	13G	Cranberry, juice-babyfood	0.037480	1.100	1.000
1307359000	13G	Strawberry	0.052750	1.000	1.000
1307359001	13G	Strawberry-babyfood	0.052750	1.000	1.000
1307360000	13G	Strawberry, juice	0.052750	1.000	1.000
1307360001	13G	Strawberry, juice-babyfood	0.052750	1.000	1.000
1400003000	14	Almond	0.011080	1.000	1.000
1400003001	14	Almond-babyfood	0.011080	1.000	1.000
1400004000	14	Almond, oil	0.011080	1.000	1.000
1400004001	14	Almond, oil-babyfood	0.011080	1.000	1.000
1400059000	14	Brazil nut	0.004500	1.000	1.000
1400068000	14	Butternut	0.004500	1.000	1.000
1400081000	14	Cashew	0.004500	1.000	1.000
1400092000	14	Chestnut	0.014250	1.000	1.000
1400155000	14	Hazelnut	0.004500	1.000	1.000
1400156000	14	Hazelnut, oil	0.004500	1.000	1.000
1400185000	14	Hickory nut	0.004500	1.000	1.000
1400213000	14	Macadamia nut	0.004500	1.000	1.000
1400269000	14	Pecan	0.004590	1.000	1.000
1400282000	14	Pistachio	0.014250	1.000	1.000

1400391000	14	Walnut	0.004500	1.000	1.000
1500025000	15	Barley, pearled barley	0.071640	1.000	1.000
1500025001	15	Barley, pearled barley-babyfood	0.071640	1.000	1.000
1500026000	15	Barley, flour	0.071640	1.000	1.000
1500026001	15	Barley, flour-babyfood	0.071640	1.000	1.000
1500027000	15	Barley, bran	0.075000	1.000	1.000
1500065000	15	Buckwheat	0.020300	1.000	1.000
1500066000	15	Buckwheat, flour	0.020300	1.000	1.000
1500120000	15	Corn, field, flour	0.009010	1.000	1.000
1500120001	15	Corn, field, flour-babyfood	0.009010	1.000	1.000
1500121000	15	Corn, field, meal	0.009010	1.000	1.000
1500121001	15	Corn, field, meal-babyfood	0.009010	1.000	1.000
1500122000	15	Corn, field, bran	0.009010	1.000	1.000
1500123000	15	Corn, field, starch	0.009010	1.000	1.000
1500123001	15	Corn, field, starch-babyfood	0.009010	1.000	1.000
1500124000	15	Corn, field, syrup	0.009010	1.500	1.000
1500124001	15	Corn, field, syrup-babyfood	0.009010	1.500	1.000
1500125000	15	Corn, field, oil	0.009040	1.000	1.000
1500125001	15	Corn, field, oil-babyfood	0.009040	1.000	1.000
1500126000	15	Corn, pop	0.008870	1.000	1.000
1500127000	15	Corn, sweet	0.006840	1.000	1.000
1500127001	15	Corn, sweet-babyfood	0.006840	1.000	1.000
1500226000	15	Millet, grain	0.017910	1.000	1.000
1500231000	15	Oat, bran	0.040080	1.000	1.000
1500232000	15	Oat, flour	0.036710	1.000	1.000
1500232001	15	Oat, flour-babyfood	0.036710	1.000	1.000
1500233000	15	Oat, groats/rolled oats	0.036710	1.000	1.000
1500233001	15	Oat, groats/rolled oats-babyfood	0.036710	1.000	1.000
1500323000	15	Rice, white	0.141160	1.000	1.000
1500323001	15	Rice, white-babyfood	0.141160	1.000	1.000
1500324000	15	Rice, brown	0.141160	1.000	1.000
1500324001	15	Rice, brown-babyfood	0.141160	1.000	1.000
1500325000	15	Rice, flour	0.141160	1.000	1.000
1500325001	15	Rice, flour-babyfood	0.141160	1.000	1.000
1500326000	15	Rice, bran	0.275710	1.000	1.000
1500326001	15	Rice, bran-babyfood	0.275710	1.000	1.000
1500328000	15	Rye, grain	0.017190	1.000	1.000
1500329000	15	Rye, flour	0.018390	1.000	1.000
1500344000	15	Sorghum, grain	0.045030	1.000	1.000
1500345000	15	Sorghum, syrup	0.045030	1.000	1.000
1500381000	15	Triticale, flour	0.013030	1.000	1.000
1500381001	15	Triticale, flour-babyfood	0.013030	1.000	1.000
1500401000	15	Wheat, grain	0.012470	1.000	1.000
1500401001	15	Wheat, grain-babyfood	0.012470	1.000	1.000
1500402000	15	Wheat, flour	0.013100	1.000	1.000
1500402001	15	Wheat, flour-babyfood	0.013100	1.000	1.000
1500403000	15	Wheat, germ	0.013350	1.000	1.000
1500404000	15	Wheat, bran	0.013370	1.000	1.000
1500405000	15	Wild rice	0.013690	1.000	1.000
1901118000	19A	Cilantro, leaves	0.650860	1.000	1.000
1901118001	19A	Cilantro, leaves-babyfood	0.650860	1.000	1.000
1901249000	19A	Parsley, dried leaves	1.766010	1.000	1.000
1901249001	19A	Parsley, dried leaves-babyfood	1.766010	1.000	1.000
2001319000	20A	Rapeseed, oil	0.012720	1.000	1.000
2001319001	20A	Rapeseed, oil-babyfood	0.012720	1.000	1.000
2002364000	20B	Sunflower, seed	0.002850	1.000	1.000
2002365000	20B	Sunflower, oil	0.002850	1.000	1.000
2002365001	20B	Sunflower, oil-babyfood	0.002850	1.000	1.000
2003128000	20C	Cottonseed, oil	0.031220	1.000	1.000
2003128001	20C	Cottonseed, oil-babyfood	0.031220	1.000	1.000
2100228000	21	Mushroom	0.005050	1.000	1.000
3100044000	31	Beef, meat	0.003660	1.000	1.000
3100044001	31	Beef, meat-babyfood	0.003660	1.000	1.000
3100045000	31	Beef, meat, dried	0.003660	1.920	1.000
3100046000	31	Beef, meat byproducts	0.012450	1.000	1.000
3100046001	31	Beef, meat byproducts-babyfood	0.012450	1.000	1.000
3100047000	31	Beef, fat	0.009950	1.000	1.000
3100047001	31	Beef, fat-babyfood	0.009950	1.000	1.000
3100048000	31	Beef, kidney	0.023380	1.000	1.000
3100049000	31	Beef, liver	0.057750	1.000	1.000
3100049001	31	Beef, liver-babyfood	0.057750	1.000	1.000

3200169000	32	Goat, meat	0.003660	1.000	1.000
3200170000	32	Goat, meat byproducts	0.012450	1.000	1.000
3200171000	32	Goat, fat	0.009950	1.000	1.000
3200172000	32	Goat, kidney	0.023380	1.000	1.000
3200173000	32	Goat, liver	0.057750	1.000	1.000
3300189000	33	Horse, meat	0.003660	1.000	1.000
3400290000	34	Pork, meat	0.003960	1.000	1.000
3400290001	34	Pork, meat-babyfood	0.003960	1.000	1.000
3400291000	34	Pork, skin	0.003720	1.000	1.000
3400292000	34	Pork, meat byproducts	0.007920	1.000	1.000
3400292001	34	Pork, meat byproducts-babyfood	0.007920	1.000	1.000
3400293000	34	Pork, fat	0.003720	1.000	1.000
3400293001	34	Pork, fat-babyfood	0.003720	1.000	1.000
3400294000	34	Pork, kidney	0.008350	1.000	1.000
3400295000	34	Pork, liver	0.017960	1.000	1.000
3500339000	35	Sheep, meat	0.003660	1.000	1.000
3500339001	35	Sheep, meat-babyfood	0.003660	1.000	1.000
3500340000	35	Sheep, meat byproducts	0.012450	1.000	1.000
3500341000	35	Sheep, fat	0.009950	1.000	1.000
3500341001	35	Sheep, fat-babyfood	0.009950	1.000	1.000
3500342000	35	Sheep, kidney	0.023380	1.000	1.000
3500343000	35	Sheep, liver	0.057750	1.000	1.000
3600222000	36	Milk, fat	0.024200	1.000	1.000
3600222001	36	Milk, fat-baby food/infant formu	0.024200	1.000	1.000
3600223000	36	Milk, nonfat solids	0.005680	1.000	1.000
3600223001	36	Milk, nonfat solids-baby food/in	0.005680	1.000	1.000
3600224000	36	Milk, water	0.005680	1.000	1.000
3600224001	36	Milk, water-babyfood/infant form	0.005680	1.000	1.000
3600225001	36	Milk, sugar (lactose)-baby food/	0.005680	1.000	1.000
3800221000	38	Meat, game	0.003660	1.000	1.000
3900312000	39	Rabbit, meat	0.003660	1.000	1.000
4000093000	40	Chicken, meat	0.001620	1.000	1.000
4000093001	40	Chicken, meat-babyfood	0.001620	1.000	1.000
4000094000	40	Chicken, liver	0.005220	1.000	1.000
4000095000	40	Chicken, meat byproducts	0.005220	1.000	1.000
4000095001	40	Chicken, meat byproducts-babyfoo	0.005220	1.000	1.000
4000096000	40	Chicken, fat	0.005220	1.000	1.000
4000096001	40	Chicken, fat-babyfood	0.005220	1.000	1.000
4000097000	40	Chicken, skin	0.005220	1.000	1.000
4000097001	40	Chicken, skin-babyfood	0.005220	1.000	1.000
5000382000	50	Turkey, meat	0.001620	1.000	1.000
5000382001	50	Turkey, meat-babyfood	0.001620	1.000	1.000
5000383000	50	Turkey, liver	0.005220	1.000	1.000
5000383001	50	Turkey, liver-babyfood	0.005220	1.000	1.000
5000384000	50	Turkey, meat byproducts	0.005220	1.000	1.000
5000384001	50	Turkey, meat byproducts-babyfood	0.005220	1.000	1.000
5000385000	50	Turkey, fat	0.005220	1.000	1.000
5000385001	50	Turkey, fat-babyfood	0.005220	1.000	1.000
5000386000	50	Turkey, skin	0.005220	1.000	1.000
5000386001	50	Turkey, skin-babyfood	0.005220	1.000	1.000
6000301000	60	Poultry, other, meat	0.001620	1.000	1.000
6000302000	60	Poultry, other, liver	0.005220	1.000	1.000
6000303000	60	Poultry, other, meat byproducts	0.005220	1.000	1.000
6000304000	60	Poultry, other, fat	0.005220	1.000	1.000
6000305000	60	Poultry, other, skin	0.005220	1.000	1.000
7000145000	70	Egg, whole	0.003640	1.000	1.000
7000145001	70	Egg, whole-babyfood	0.003640	1.000	1.000
7000146000	70	Egg, white	0.003640	1.000	1.000
7000146001	70	Egg, white (solids)-babyfood	0.003640	1.000	1.000
7000147000	70	Egg, yolk	0.003640	1.000	1.000
7000147001	70	Egg, yolk-babyfood	0.003640	1.000	1.000
8601000000	86A	Water, direct, all sources	0.011000	1.000	1.000
8602000000	86B	Water, indirect, all sources	0.011000	1.000	1.000
9500016000	O	Artichoke, globe	0.064580	1.000	1.000
9500019000	O	Asparagus	0.002140	1.000	1.000
9500020000	O	Avocado	0.504570	1.000	1.000
9500023000	O	Banana	0.036740	1.000	1.000
9500023001	O	Banana-babyfood	0.036740	1.000	1.000
9500024000	O	Banana, dried	0.036740	3.900	1.000
9500024001	O	Banana, dried-babyfood	0.036740	3.900	1.000
9500074000	O	Canistel	0.215260	1.000	1.000

9500115000 O	Coffee, roasted bean	0.011450	1.000	1.000
9500116000 O	Coffee, instant	0.011450	1.000	1.000
95001177000 O	Grape, leaves	0.055750	1.000	1.000
95001178000 O	Grape, raisin	0.101620	4.300	1.000
95001188000 O	Hop	1.356160	1.000	1.000
9500211000 O	Lychee	0.091190	1.000	1.000
9500212000 O	Lychee, dried	0.091190	1.850	1.000
9500215000 O	Mango	0.075950	1.000	1.000
9500215001 O	Mango-babyfood	0.075950	1.000	1.000
9500216000 O	Mango, dried	0.075950	1.000	1.000
9500217000 O	Mango, juice	0.075950	1.000	1.000
9500217001 O	Mango, juice-babyfood	0.075950	1.000	1.000
9500245000 O	Papaya	0.116300	1.000	1.000
9500245001 O	Papaya-babyfood	0.116300	1.000	1.000
9500246000 O	Papaya, dried	0.116300	1.800	1.000
9500247000 O	Papaya, juice	0.116300	1.500	1.000
9500263000 O	Peanut	0.012720	1.000	1.000
9500264000 O	Peanut, butter	0.014350	1.890	1.000
9500265000 O	Peanut, oil	0.014120	1.000	1.000
9500275000 O	Peppermint	0.359920	1.000	1.000
9500276000 O	Peppermint, oil	0.359920	1.000	1.000
9500279000 O	Pineapple	0.261660	1.000	1.000
9500279001 O	Pineapple-babyfood	0.261660	1.000	1.000
9500280000 O	Pineapple, dried	0.261660	5.000	1.000
9500281000 O	Pineapple, juice	0.261660	1.700	1.000
9500281001 O	Pineapple, juice-babyfood	0.261660	1.700	1.000
9500283000 O	Plantain	0.036740	1.000	1.000
9500284000 O	Plantain, dried	0.036740	3.900	1.000
9500333000 O	Sapote, Mamey	0.215260	1.000	1.000
9500352000 O	Spearmint	0.359920	1.000	1.000
9500353000 O	Spearmint, oil	0.359920	1.000	1.000
9500362000 O	Sugarcane, sugar	0.010800	1.000	1.000
9500362001 O	Sugarcane, sugar-babyfood	0.010800	1.000	1.000
9500363000 O	Sugarcane, molasses	0.010800	1.000	1.000
9500363001 O	Sugarcane, molasses-babyfood	0.010800	1.000	1.000

**Attachment 3. Inputs for the acute dietary exposure and risk analysis of the conjugated triazole metabolites.**

Filename: C:\Documents and Settings\tmorton\My Documents\MyFiles\DEEM Files\Triazole Risk Assessment 4-2013 CW Prothio\CONJUGATES ACUTE.R08

Chemical: Triazole Conjugates

RfD(Chronic): .09 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day

RfD(Acute): .1 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day

Date created/last modified: 05-14-2013/07:31:54 Program ver. 3.16, FCID1

EPA Code	Crop Grp	Commodity Name	Def Res (ppm)	Adj. Factors #1	Comment #2
0101050000	1AB	Beet, garden, roots	0.546780	1.000	1.000
0101050001	1AB	Beet, garden, roots-babyfood	0.546780	1.000	1.000
0101052000	1A	Beet, sugar	0.212200	1.000	1.000
0101052001	1A	Beet, sugar-babyfood	0.212200	1.000	1.000
0101053000	1A	Beet, sugar, molasses	0.840300	1.000	1.000
0101053001	1A	Beet, sugar, molasses-babyfood	0.840300	1.000	1.000
0101067000	1AB	Burdock	0.032410	1.000	1.000
0101078000	1AB	Carrot	0.221350	1.000	1.000
0101078001	1AB	Carrot-babyfood	0.221350	1.000	1.000
0101079000	1AB	Carrot, juice	0.221350	1.000	1.000
0101084000	1AB	Celeriac	0.032410	1.000	1.000
0101100000	1AB	Chicory, roots	0.032410	1.000	1.000
0101168000	1AB	Ginseng, dried	0.032410	1.000	1.000
0101190000	1AB	Horseradish	0.032410	1.000	1.000
0101250000	1AB	Parsley, turnip rooted	0.032410	1.000	1.000
0101251000	1AB	Parsnip	0.032410	1.000	1.000
0101251001	1AB	Parsnip-babyfood	0.032410	1.000	1.000
0101314000	1AB	Radish, roots	0.032410	1.000	1.000
0101316000	1AB	Radish, Oriental, roots	0.032410	1.000	1.000
0101327000	1AB	Rutabaga	0.032410	1.000	1.000
0101331000	1AB	Salsify, roots	0.032410	1.000	1.000
0101388000	1AB	Turnip, roots	0.373650	1.000	1.000
0103015000	1CD	Arrowroot, flour	0.712400	1.000	1.000
0103015001	1CD	Arrowroot, flour-babyfood	0.712400	1.000	1.000
0103017000	1CD	Artichoke, Jerusalem	0.712400	1.000	1.000
0103082000	1CD	Cassava	0.712400	1.000	1.000
0103082001	1CD	Cassava-babyfood	0.712400	1.000	1.000
0103139000	1CD	Dasheen, corm	0.712400	1.000	1.000
0103166000	1CD	Ginger	0.712400	1.000	1.000
0103166001	1CD	Ginger-babyfood	0.712400	1.000	1.000
0103167000	1CD	Ginger, dried	0.712400	1.000	1.000
0103296000	1C	Potato, chips	0.712400	1.000	1.000
0103297000	1C	Potato, dry (granules/ flakes)	0.712400	6.500	1.000
0103297001	1C	Potato, dry (granules/ flakes)-b	0.712400	6.500	1.000
0103298000	1C	Potato, flour	0.712400	1.000	1.000
0103298001	1C	Potato, flour-babyfood	0.712400	1.000	1.000
0103299000	1C	Potato, tuber, w/peel	0.712400	1.000	1.000
0103299001	1C	Potato, tuber, w/peel-babyfood	0.712400	1.000	1.000
0103300000	1C	Potato, tuber, w/o peel	0.712400	1.000	1.000
0103300001	1C	Potato, tuber, w/o peel-babyfood	0.712400	1.000	1.000
0103366000	1CD	Sweet potato	0.712400	1.000	1.000
0103366001	1CD	Sweet potato-babyfood	0.712400	1.000	1.000
0103371000	1CD	Tanier, corm	0.712400	1.000	1.000
0103387000	1CD	Turmeric	0.712400	1.000	1.000
0103406000	1CD	Yam, true	0.712400	1.000	1.000
0103407000	1CD	Yam bean	0.712400	1.000	1.000
0200051000	2	Beet, garden, tops	5.478270	1.000	1.000
0200101000	2	Chicory, tops	0.032410	1.000	1.000
0200140000	2	Dasheen, leaves	0.032410	1.000	1.000
0200315000	2	Radish, tops	0.032410	1.000	1.000
0200317000	2	Radish, Oriental, tops	0.032410	1.000	1.000
0200332000	2	Salsify, tops	0.032410	1.000	1.000
0301165000	3A	Garlic, bulb	0.579780	1.000	1.000
0301165001	3A	Garlic, bulb-babyfood	0.579780	1.000	1.000
0301237000	3A	Onion, bulb	0.579780	1.000	1.000
0301237001	3A	Onion, bulb-babyfood	0.579780	1.000	1.000

0301238000	3A	Onion, bulb, dried	0.579780	9.000	1.000
0301238001	3A	Onion, bulb, dried-babyfood	0.579780	9.000	1.000
0302198000	3B	Leek	6.457760	1.000	1.000
0302239000	3B	Onion, green	6.457760	1.000	1.000
0302338500	3B	Shallot, fresh leaves	0.579780	1.000	1.000
0401005000	4A	Amaranth, leafy	9.723670	1.000	1.000
0401018000	4A	Arugula	9.723670	1.000	1.000
0401104000	4A	Chrysanthemum, garland	9.723670	1.000	1.000
0401133000	4A	Cress, garden	9.723670	1.000	1.000
0401134000	4A	Cress, upland	9.723670	1.000	1.000
0401138000	4A	Dandelion, leaves	9.723670	1.000	1.000
0401150000	4A	Endive	9.723670	1.000	1.000
0401204000	4A	Lettuce, head	9.723670	1.000	1.000
0401205000	4A	Lettuce, leaf	9.723670	1.000	1.000
0401248000	4A	Parsley, leaves	11.319940	1.000	1.000
0401313000	4A	Radicchio	9.723670	1.000	1.000
0401355000	4A	Spinach	0.032410	1.000	1.000
0401355001	4A	Spinach-babyfood	0.032410	1.000	1.000
0402076000	4B	Cardoon	3.426960	1.000	1.000
0402085000	4B	Celery	3.426960	1.000	1.000
0402085001	4B	Celery-babyfood	3.426960	1.000	1.000
0402086000	4B	Celery, juice	3.426960	1.000	1.000
0402087000	4B	Celtuce	3.426960	1.000	1.000
0402152000	4B	Fennel, Florence	3.426960	1.000	1.000
0402322000	4B	Rhubarb	3.426960	1.000	1.000
0402367000	4B	Swiss chard	3.426960	1.000	1.000
0501061000	5A	Broccoli	0.622890	1.000	1.000
0501061001	5A	Broccoli-babyfood	0.622890	1.000	1.000
0501062000	5A	Broccoli, Chinese	0.622890	1.000	1.000
0501064000	5A	Brussels sprouts	1.884890	1.000	1.000
0501069000	5A	Cabbage	1.884890	1.000	1.000
0501071000	5A	Cabbage, Chinese, napa	1.884890	1.000	1.000
0501072000	5A	Cabbage, Chinese, mustard	0.622890	1.000	1.000
0501083000	5A	Cauliflower	0.622890	1.000	1.000
0501196000	5A	Kohlrabi	1.884890	1.000	1.000
0502063000	5B	Broccoli raab	6.174590	1.000	1.000
0502070000	5B	Cabbage, Chinese, bok choy	6.174590	1.000	1.000
0502117000	5B	Collards	6.174590	1.000	1.000
0502194000	5B	Kale	6.174590	1.000	1.000
0502229000	5B	Mustard greens	6.174590	1.000	1.000
0502318000	5B	Rape greens	6.174590	1.000	1.000
0502389000	5B	Turnip, greens	18.602210	1.000	1.000
0600347000	6	Soybean, seed	6.886120	1.000	1.000
0600349000	6	Soybean, soy milk	6.886120	1.000	1.000
0600349001	6	Soybean, soy milk-babyfood or in	6.886120	1.000	1.000
0600350000	6	Soybean, oil	6.924140	1.000	1.000
0600350001	6	Soybean, oil-babyfood	6.924140	1.000	1.000
0601043000	6A	Bean, snap, succulent	0.768870	1.000	1.000
0601043001	6A	Bean, snap, succulent-babyfood	0.768870	1.000	1.000
0601257000	6A	Pea, edible podded, succulent	0.074530	1.000	1.000
0602031000	6B	Bean, broad, succulent	0.909890	1.000	1.000
0602033000	6B	Bean, cowpea, succulent	0.909890	1.000	1.000
0602037000	6B	Bean, lima, succulent	0.909890	1.000	1.000
0602255000	6B	Pea, succulent	0.074530	1.000	1.000
0602255001	6B	Pea, succulent-babyfood	0.074530	1.000	1.000
0602259000	6B	Pea, pigeon, succulent	0.074530	1.000	1.000
0603030000	6C	Bean, black, seed	0.427620	1.000	1.000
0603032000	6C	Bean, broad, seed	0.427620	1.000	1.000
0603034000	6C	Bean, cowpea, seed	0.427620	1.000	1.000
0603035000	6C	Bean, great northern, seed	0.427620	1.000	1.000
0603036000	6C	Bean, kidney, seed	0.427620	1.000	1.000
0603038000	6C	Bean, lima, seed	0.427620	1.000	1.000
0603039000	6C	Bean, mung, seed	0.427620	1.000	1.000
0603040000	6C	Bean, navy, seed	0.427620	1.000	1.000
0603041000	6C	Bean, pink, seed	0.427620	1.000	1.000
0603042000	6C	Bean, pinto, seed	0.410430	1.000	1.000
0603098000	6C	Chickpea, seed	0.484770	1.000	1.000
0603098001	6C	Chickpea, seed-babyfood	0.484770	1.000	1.000
0603099000	6C	Chickpea, flour	0.484770	1.000	1.000
0603182000	6C	Guar, seed	0.427620	1.000	1.000
0603182001	6C	Guar, seed-babyfood	0.427620	1.000	1.000

0603203000	6C	Lentil, seed	0.410430	1.000	1.000
0603256000	6C	Pea, dry	0.410430	1.000	1.000
0603256001	6C	Pea, dry-babyfood	0.410430	1.000	1.000
0603258000	6C	Pea, pigeon, seed	0.410430	1.000	1.000
0603348000	6C	Soybean, flour	6.886120	1.000	1.000
0603348001	6C	Soybean, flour-babyfood	6.886120	1.000	1.000
0801374000	8A	Tomatillo	3.796830	1.000	1.000
0801375000	8A	Tomato	3.796830	1.000	1.000
0801375001	8A	Tomato-babyfood	3.796830	1.000	1.000
0801376000	8A	Tomato, paste	3.872460	5.400	1.000
0801376001	8A	Tomato, paste-babyfood	3.872460	5.400	1.000
0801377000	8A	Tomato, puree	3.818440	3.300	1.000
0801377001	8A	Tomato, puree-babyfood	3.818440	3.300	1.000
0801378000	8A	Tomato, dried	3.796830	14.300	1.000
0801378001	8A	Tomato, dried-babyfood	3.796830	14.300	1.000
0801379000	8A	Tomato, juice	3.796830	1.500	1.000
0802148000	8BC	Eggplant	1.201850	1.000	1.000
0802234000	8BC	Okra	0.947180	1.000	1.000
0802270000	8B	Pepper, bell	1.166860	1.000	1.000
0802270001	8B	Pepper, bell-babyfood	1.166860	1.000	1.000
0802271000	8B	Pepper, bell, dried	2.752710	1.000	1.000
0802271001	8B	Pepper, bell, dried-babyfood	2.752710	1.000	1.000
0802272000	8BC	Pepper, nonbell	1.166860	1.000	1.000
0802272001	8BC	Pepper, nonbell-babyfood	1.166860	1.000	1.000
0802273000	8BC	Pepper, nonbell, dried	2.752710	1.000	1.000
0901075000	9A	Cantaloupe	0.362060	1.000	1.000
0901187000	9A	Honeydew melon	0.362060	1.000	1.000
0901399000	9A	Watermelon	0.362060	1.000	1.000
0901400000	9A	Watermelon, juice	0.362060	1.000	1.000
0902021000	9B	Balsam pear	0.961060	1.000	1.000
0902088000	9B	Chayote, fruit	0.961060	1.000	1.000
0902102000	9B	Chinese waxgourd	0.961060	1.000	1.000
0902135000	9B	Cucumber	0.961060	1.000	1.000
0902308000	9B	Pumpkin	0.451060	1.000	1.000
0902309000	9B	Pumpkin, seed	0.451060	1.000	1.000
0902356000	9B	Squash, summer	0.451060	1.000	1.000
0902356001	9B	Squash, summer-babyfood	0.451060	1.000	1.000
0902357000	9B	Squash, winter	0.451060	1.000	1.000
0902357001	9B	Squash, winter-babyfood	0.451060	1.000	1.000
1001106000	10A	Citron	5.093550	1.000	1.000
1001107000	10A	Citrus hybrids	5.093550	1.000	1.000
1001108000	10A	Citrus, oil	617.171500	1.000	1.000
1001240000	10A	Orange	5.093550	1.000	1.000
1001241000	10A	Orange, juice	5.093550	1.800	1.000
1001241001	10A	Orange, juice-babyfood	5.093550	1.800	1.000
1001242000	10A	Orange, peel	5.093550	1.000	1.000
1001369000	10A	Tangerine	5.093550	1.000	1.000
1001370000	10A	Tangerine, juice	5.093550	2.300	1.000
1002197000	10B	Kumquat	5.093550	1.000	1.000
1002199000	10B	Lemon	5.093550	1.000	1.000
1002200000	10B	Lemon, juice	5.093550	2.000	1.000
1002200001	10B	Lemon, juice-babyfood	5.093550	2.000	1.000
1002201000	10B	Lemon, peel	5.093550	1.000	1.000
1002206000	10B	Lime	5.093550	1.000	1.000
1002207000	10B	Lime, juice	5.093550	2.000	1.000
1002207001	10B	Lime, juice-babyfood	5.093550	2.000	1.000
1003180000	10C	Grapefruit	5.093550	1.000	1.000
1003181000	10C	Grapefruit, juice	5.093550	2.100	1.000
1003307000	10C	Pummelo	5.093550	1.000	1.000
1100007000	11	Apple, fruit with peel	0.445530	1.000	1.000
1100008000	11	Apple, peeled fruit	0.445530	1.000	1.000
1100008001	11	Apple, peeled fruit-babyfood	0.445530	1.000	1.000
1100009000	11	Apple, dried	0.445530	8.000	1.000
1100009001	11	Apple, dried-babyfood	0.445530	8.000	1.000
1100010000	11	Apple, juice	0.445530	1.300	1.000
1100010001	11	Apple, juice-babyfood	0.445530	1.300	1.000
1100011000	11	Apple, sauce	0.445530	1.000	1.000
1100011001	11	Apple, sauce-babyfood	0.445530	1.000	1.000
1100129000	11	Crabapple	0.290590	1.000	1.000
1100210000	11	Loquat	0.290590	1.000	1.000
1100266000	11	Pear	0.210590	1.000	1.000

1100266001	11	Pear-babyfood	0.210590	1.000	1.000
1100267000	11	Pear, dried	0.210590	6.250	1.000
1100268000	11	Pear, juice	0.210590	1.300	1.000
1100268001	11	Pear, juice-babyfood	0.210590	1.300	1.000
1100310000	11	Quince	0.175390	1.000	1.000
1201090000	12A	Cherry	2.649030	1.000	1.000
1201090001	12A	Cherry-babyfood	2.649030	1.000	1.000
1201091000	12A	Cherry, juice	2.649030	1.500	1.000
1201091001	12A	Cherry, juice-babyfood	2.649030	1.500	1.000
1202012000	12B	Apricot	1.651920	1.000	1.000
1202012001	12B	Apricot-babyfood	1.651920	1.000	1.000
1202013000	12B	Apricot, dried	1.651920	6.000	1.000
1202014000	12B	Apricot, juice	1.651920	1.000	1.000
1202014001	12B	Apricot, juice-babyfood	1.651920	1.000	1.000
1202230000	12B	Nectarine	1.651920	1.000	1.000
1202260000	12B	Peach	1.651920	1.000	1.000
1202260001	12B	Peach-babyfood	1.651920	1.000	1.000
1202261000	12B	Peach, dried	1.651920	7.000	1.000
1202261001	12B	Peach, dried-babyfood	1.651920	7.000	1.000
1202262000	12B	Peach, juice	1.651920	1.000	1.000
1202262001	12B	Peach, juice-babyfood	1.651920	1.000	1.000
1203285000	12C	Plum	1.430510	1.000	1.000
1203285001	12C	Plum-babyfood	1.430510	1.000	1.000
1203286000	12C	Plum, prune, fresh	1.430510	1.000	1.000
1203286001	12C	Plum, prune, fresh-babyfood	1.430510	1.000	1.000
1203287000	12C	Plum, prune, dried	1.893540	5.000	1.000
1203287001	12C	Plum, prune, dried-babyfood	1.893540	5.000	1.000
1203288000	12C	Plum, prune, juice	1.430510	1.400	1.000
1203288001	12C	Plum, prune, juice-babyfood	1.430510	1.400	1.000
1301055000	13A	Blackberry	1.223970	1.000	1.000
1301056000	13A	Blackberry, juice	1.223970	1.000	1.000
1301056001	13A	Blackberry, juice-babyfood	1.223970	1.000	1.000
1301058000	13A	Boysenberry	1.223970	1.000	1.000
1301208000	13A	Loganberry	1.223970	1.000	1.000
1301320000	13A	Raspberry	0.898130	1.000	1.000
1301320001	13A	Raspberry-babyfood	0.898130	1.000	1.000
1301321000	13A	Raspberry, juice	0.898130	1.000	1.000
1301321001	13A	Raspberry, juice-babyfood	0.898130	1.000	1.000
1302057000	13B	Blueberry	0.929480	1.000	1.000
1302057001	13B	Blueberry-babyfood	0.929480	1.000	1.000
1302136000	13B	Currant	2.233310	1.000	1.000
1302137000	13B	Currant, dried	2.233310	4.300	1.000
1302149000	13B	Elderberry	0.816560	1.000	1.000
1302174000	13B	Gooseberry	0.890370	1.000	1.000
1302191000	13B	Huckleberry	0.816560	1.000	1.000
1304175000	13D	Grape	1.330440	1.000	1.000
1304176000	13D	Grape, juice	1.330440	1.200	1.000
1304176001	13D	Grape, juice-babyfood	1.330440	1.200	1.000
1304179000	13D	Grape, wine and sherry	1.330440	1.200	1.000
1304195000	13D	Kiwifruit, fuzzy	0.153840	1.000	1.000
1307130000	13G	Cranberry	0.708250	1.000	1.000
1307130001	13G	Cranberry-babyfood	0.708250	1.000	1.000
1307131000	13G	Cranberry, dried	0.708250	4.300	1.000
1307132000	13G	Cranberry, juice	0.708250	1.100	1.000
1307132001	13G	Cranberry, juice-babyfood	0.708250	1.100	1.000
1307359000	13G	Strawberry	1.074470	1.000	1.000
1307359001	13G	Strawberry-babyfood	1.074470	1.000	1.000
1307360000	13G	Strawberry, juice	1.074470	1.000	1.000
1307360001	13G	Strawberry, juice-babyfood	1.074470	1.000	1.000
1400003000	14	Almond	0.619110	1.000	1.000
1400003001	14	Almond-babyfood	0.619110	1.000	1.000
1400004000	14	Almond, oil	0.619110	1.000	1.000
1400004001	14	Almond, oil-babyfood	0.619110	1.000	1.000
1400059000	14	Brazil nut	0.544370	1.000	1.000
1400068000	14	Butternut	0.544370	1.000	1.000
1400081000	14	Cashew	0.544370	1.000	1.000
1400092000	14	Chestnut	0.614370	1.000	1.000
1400155000	14	Hazelnut	0.084370	1.000	1.000
1400156000	14	Hazelnut, oil	0.544370	1.000	1.000
1400185000	14	Hickory nut	0.544370	1.000	1.000
1400213000	14	Macadamia nut	0.544370	1.000	1.000

1400269000	14	Pecan	0.542900	1.000	1.000
1400282000	14	Pistachio	0.614370	1.000	1.000
1400391000	14	Walnut	0.544370	1.000	1.000
1500025000	15	Barley, pearled barley	1.231860	1.000	1.000
1500025001	15	Barley, pearled barley-babyfood	1.231860	1.000	1.000
1500026000	15	Barley, flour	1.231860	1.000	1.000
1500026001	15	Barley, flour-babyfood	1.231860	1.000	1.000
1500027000	15	Barley, bran	1.383810	1.000	1.000
1500065000	15	Buckwheat	0.496980	1.000	1.000
1500066000	15	Buckwheat, flour	0.496980	1.000	1.000
1500120000	15	Corn, field, flour	1.201010	1.000	1.000
1500120001	15	Corn, field, flour-babyfood	1.201010	1.000	1.000
1500121000	15	Corn, field, meal	1.201010	1.000	1.000
1500121001	15	Corn, field, meal-babyfood	1.201010	1.000	1.000
1500122000	15	Corn, field, bran	1.201010	1.000	1.000
1500123000	15	Corn, field, starch	1.201010	1.000	1.000
1500123001	15	Corn, field, starch-babyfood	1.201010	1.000	1.000
1500124000	15	Corn, field, syrup	1.201010	1.500	1.000
1500124001	15	Corn, field, syrup-babyfood	1.201010	1.500	1.000
1500125000	15	Corn, field, oil	1.201040	1.000	1.000
1500125001	15	Corn, field, oil-babyfood	1.201040	1.000	1.000
1500126000	15	Corn, pop	1.203280	1.000	1.000
1500127000	15	Corn, sweet	0.589300	1.000	1.000
1500127001	15	Corn, sweet-babyfood	0.589300	1.000	1.000
1500226000	15	Millet, grain	0.496980	1.000	1.000
1500231000	15	Oat, bran	0.925870	1.000	1.000
1500232000	15	Oat, flour	0.773920	1.000	1.000
1500232001	15	Oat, flour-babyfood	0.773920	1.000	1.000
1500233000	15	Oat, groats/rolled oats	0.773920	1.000	1.000
1500233001	15	Oat, groats/rolled oats-babyfood	0.773920	1.000	1.000
1500323000	15	Rice, white	4.300680	1.000	1.000
1500323001	15	Rice, white-babyfood	4.300680	1.000	1.000
1500324000	15	Rice, brown	4.300680	1.000	1.000
1500324001	15	Rice, brown-babyfood	4.300680	1.000	1.000
1500325000	15	Rice, flour	4.300680	1.000	1.000
1500325001	15	Rice, flour-babyfood	4.300680	1.000	1.000
1500326000	15	Rice, bran	9.163050	1.000	1.000
1500326001	15	Rice, bran-babyfood	9.163050	1.000	1.000
1500328000	15	Rye, grain	0.807100	1.000	1.000
1500329000	15	Rye, flour	0.807100	1.000	1.000
1500344000	15	Sorghum, grain	2.000780	1.000	1.000
1500345000	15	Sorghum, syrup	2.000780	1.000	1.000
1500381000	15	Triticale, flour	0.601740	1.000	1.000
1500381001	15	Triticale, flour-babyfood	0.601740	1.000	1.000
1500401000	15	Wheat, grain	1.127650	1.000	1.000
1500401001	15	Wheat, grain-babyfood	1.127650	1.000	1.000
1500402000	15	Wheat, flour	1.130080	1.000	1.000
1500402001	15	Wheat, flour-babyfood	1.130080	1.000	1.000
1500403000	15	Wheat, germ	1.132380	1.000	1.000
1500404000	15	Wheat, bran	1.142510	1.000	1.000
1500405000	15	Wild rice	0.349990	1.000	1.000
1901118000	19A	Cilantro, leaves	11.319940	1.000	1.000
1901118001	19A	Cilantro, leaves-babyfood	11.319940	1.000	1.000
1901249000	19A	Parsley, dried leaves	31.909300	1.000	1.000
1901249001	19A	Parsley, dried leaves-babyfood	31.909300	1.000	1.000
2001319000	20A	Rapeseed, oil	0.527730	1.000	1.000
2001319001	20A	Rapeseed, oil-babyfood	0.527730	1.000	1.000
2002364000	20B	Sunflower, seed	0.050680	1.000	1.000
2002365000	20B	Sunflower, oil	0.050680	1.000	1.000
2002365001	20B	Sunflower, oil-babyfood	0.050680	1.000	1.000
2003128000	20C	Cottonseed, oil	1.180470	1.000	1.000
2003128001	20C	Cottonseed, oil-babyfood	1.180470	1.000	1.000
2100228000	21	Mushroom	0.091170	1.000	1.000
3100044000	31	Beef, meat	0.075460	1.000	1.000
3100044001	31	Beef, meat-babyfood	0.075460	1.000	1.000
3100045000	31	Beef, meat, dried	0.075460	1.920	1.000
3100046000	31	Beef, meat byproducts	0.157680	1.000	1.000
3100046001	31	Beef, meat byproducts-babyfood	0.157680	1.000	1.000
3100047000	31	Beef, fat	0.094760	1.000	1.000
3100047001	31	Beef, fat-babyfood	0.094760	1.000	1.000
3100048000	31	Beef, kidney	1.060100	1.000	1.000

3100049000	31	Beef, liver	1.182850	1.000	1.000
3100049001	31	Beef, liver-babyfood	1.182850	1.000	1.000
3200169000	32	Goat, meat	0.075460	1.000	1.000
3200170000	32	Goat, meat byproducts	0.157680	1.000	1.000
3200171000	32	Goat, fat	0.094760	1.000	1.000
3200172000	32	Goat, kidney	1.060100	1.000	1.000
3200173000	32	Goat, liver	1.182850	1.000	1.000
3300189000	33	Horse, meat	0.075460	1.000	1.000
3400290000	34	Pork, meat	0.079820	1.000	1.000
3400290001	34	Pork, meat-babyfood	0.079820	1.000	1.000
3400291000	34	Pork, skin	0.061600	1.000	1.000
3400292000	34	Pork, meat byproducts	0.150060	1.000	1.000
3400292001	34	Pork, meat byproducts-babyfood	0.150060	1.000	1.000
3400293000	34	Pork, fat	0.061600	1.000	1.000
3400293001	34	Pork, fat-babyfood	0.061600	1.000	1.000
3400294000	34	Pork, kidney	0.159890	1.000	1.000
3400295000	34	Pork, liver	0.658680	1.000	1.000
3500339000	35	Sheep, meat	0.075460	1.000	1.000
3500339001	35	Sheep, meat-babyfood	0.075460	1.000	1.000
3500340000	35	Sheep, meat byproducts	0.157680	1.000	1.000
3500341000	35	Sheep, fat	0.094760	1.000	1.000
3500341001	35	Sheep, fat-babyfood	0.094760	1.000	1.000
3500342000	35	Sheep, kidney	1.060100	1.000	1.000
3500343000	35	Sheep, liver	1.182850	1.000	1.000
3600222000	36	Milk, fat	0.388310	1.000	1.000
3600222001	36	Milk, fat-baby food/infant formu	0.388310	1.000	1.000
3600223000	36	Milk, nonfat solids	0.043380	1.000	1.000
3600223001	36	Milk, nonfat solids-baby food/in	0.043380	1.000	1.000
3600224000	36	Milk, water	0.043380	1.000	1.000
3600224001	36	Milk, water-babyfood/infant form	0.043380	1.000	1.000
3600225001	36	Milk, sugar (lactose)-baby food/	0.043380	1.000	1.000
3800221000	38	Meat, game	0.075460	1.000	1.000
3900312000	39	Rabbit, meat	0.075460	1.000	1.000
4000093000	40	Chicken, meat	0.018300	1.000	1.000
4000093001	40	Chicken, meat-babyfood	0.018300	1.000	1.000
4000094000	40	Chicken, liver	0.036840	1.000	1.000
4000095000	40	Chicken, meat byproducts	0.036840	1.000	1.000
4000095001	40	Chicken, meat byproducts-babyfoo	0.036840	1.000	1.000
4000096000	40	Chicken, fat	0.036840	1.000	1.000
4000096001	40	Chicken, fat-babyfood	0.036840	1.000	1.000
4000097000	40	Chicken, skin	0.036840	1.000	1.000
4000097001	40	Chicken, skin-babyfood	0.036840	1.000	1.000
5000382000	50	Turkey, meat	0.018300	1.000	1.000
5000382001	50	Turkey, meat-babyfood	0.018300	1.000	1.000
5000383000	50	Turkey, liver	0.036840	1.000	1.000
5000383001	50	Turkey, liver-babyfood	0.036840	1.000	1.000
5000384000	50	Turkey, meat byproducts	0.036840	1.000	1.000
5000384001	50	Turkey, meat byproducts-babyfood	0.036840	1.000	1.000
5000385000	50	Turkey, fat	0.036840	1.000	1.000
5000385001	50	Turkey, fat-babyfood	0.036840	1.000	1.000
5000386000	50	Turkey, skin	0.036840	1.000	1.000
5000386001	50	Turkey, skin-babyfood	0.036840	1.000	1.000
6000301000	60	Poultry, other, meat	0.018300	1.000	1.000
6000302000	60	Poultry, other, liver	0.036840	1.000	1.000
6000303000	60	Poultry, other, meat byproducts	0.036840	1.000	1.000
6000304000	60	Poultry, other, fat	0.036840	1.000	1.000
6000305000	60	Poultry, other, skin	0.036840	1.000	1.000
7000145000	70	Egg, whole	0.026270	1.000	1.000
7000145001	70	Egg, whole-babyfood	0.026270	1.000	1.000
7000146000	70	Egg, white	0.026270	1.000	1.000
7000146001	70	Egg, white (solids)-babyfood	0.026270	1.000	1.000
7000147000	70	Egg, yolk	0.026270	1.000	1.000
7000147001	70	Egg, yolk-babyfood	0.026270	1.000	1.000
8601000000	86A	Water, direct, all sources	0.041000	1.000	1.000
8602000000	86B	Water, indirect, all sources	0.041000	1.000	1.000
9500016000	O	Artichoke, globe	0.972370	1.000	1.000
9500019000	O	Asparagus	0.043410	1.000	1.000
9500020000	O	Avocado	9.116940	1.000	1.000
9500023000	O	Banana	0.877310	1.000	1.000
9500023001	O	Banana-babyfood	0.877310	1.000	1.000
9500024000	O	Banana, dried	0.877310	3.900	1.000

9500024001 O	Banana, dried-babyfood	0.877310	3.900	1.000
9500074000 O	Canistel	3.241220	1.000	1.000
9500115000 O	Coffee, roasted bean	1.748450	1.000	1.000
9500116000 O	Coffee, instant	1.748450	1.000	1.000
9500177000 O	Grape, leaves	1.330440	1.000	1.000
9500178000 O	Grape, raisin	2.273400	4.300	1.000
9500188000 O	Hop	29.307480	1.000	1.000
9500211000 O	Lychee	1.621730	1.000	1.000
9500212000 O	Lychee, dried	1.621730	1.850	1.000
9500215000 O	Mango	2.195110	1.000	1.000
9500215001 O	Mango-babyfood	2.195110	1.000	1.000
9500216000 O	Mango, dried	2.195110	1.000	1.000
9500217000 O	Mango, juice	2.195110	1.000	1.000
9500217001 O	Mango, juice-babyfood	2.195110	1.000	1.000
9500245000 O	Papaya	2.488510	1.000	1.000
9500245001 O	Papaya-babyfood	2.488510	1.000	1.000
9500246000 O	Papaya, dried	2.488510	1.800	1.000
9500247000 O	Papaya, juice	2.488510	1.500	1.000
9500263000 O	Peanut	2.478170	1.000	1.000
9500264000 O	Peanut, butter	2.481850	1.890	1.000
9500265000 O	Peanut, oil	2.481430	1.000	1.000
9500275000 O	Peppermint	7.648010	1.000	1.000
9500276000 O	Peppermint, oil	7.648010	1.000	1.000
9500279000 O	Pineapple	3.873560	1.000	1.000
9500279001 O	Pineapple-babyfood	3.873560	1.000	1.000
9500280000 O	Pineapple, dried	3.873560	5.000	1.000
9500281000 O	Pineapple, juice	3.873560	1.700	1.000
9500281001 O	Pineapple, juice-babyfood	3.873560	1.700	1.000
9500283000 O	Plantain	0.877310	1.000	1.000
9500284000 O	Plantain, dried	0.877310	3.900	1.000
9500333000 O	Sapote, Mamey	3.241220	1.000	1.000
9500352000 O	Spearmint	7.648010	1.000	1.000
9500353000 O	Spearmint, oil	7.648010	1.000	1.000
9500362000 O	Sugarcane, sugar	0.124970	1.000	1.000
9500362001 O	Sugarcane, sugar-babyfood	0.124970	1.000	1.000
9500363000 O	Sugarcane, molasses	0.124970	1.000	1.000
9500363001 O	Sugarcane, molasses-babyfood	0.124970	1.000	1.000

**Attachment 4. Inputs for the chronic dietary exposure and risk analysis of the conjugated triazole metabolites.**

Filename: C:\Documents and Settings\tmorton\My Documents\MyFiles\DEEM Files\Triazole Risk Assessment 4-2013 CW Prothio\CONJUGATES CHRONIC.R08

Chemical: Triazole Conjugates

RfD(Chronic): .09 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day

RfD(Acute): .1 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day

Date created/last modified: 05-14-2013/07:31:54 Program ver. 3.16, FCID1

EPA Code	Crop Grp	Commodity Name	Def Res (ppm)	Adj. Factors #1	Comment #2
0101050000	1AB	Beet, garden, roots	0.384060	1.000	1.000
0101050001	1AB	Beet, garden, roots-babyfood	0.384060	1.000	1.000
0101052000	1A	Beet, sugar	0.141410	1.000	1.000
0101052001	1A	Beet, sugar-babyfood	0.141410	1.000	1.000
0101053000	1A	Beet, sugar, molasses	0.307970	1.000	1.000
0101053001	1A	Beet, sugar, molasses-babyfood	0.307970	1.000	1.000
0101067000	1AB	Burdock	0.032410	1.000	1.000
0101078000	1AB	Carrot	0.168780	1.000	1.000
0101078001	1AB	Carrot-babyfood	0.168780	1.000	1.000
0101079000	1AB	Carrot, juice	0.168780	1.000	1.000
0101084000	1AB	Celeriac	0.032410	1.000	1.000
0101100000	1AB	Chicory, roots	0.032410	1.000	1.000
0101168000	1AB	Ginseng, dried	0.032410	1.000	1.000
0101190000	1AB	Horseradish	0.032410	1.000	1.000
0101250000	1AB	Parsley, turnip rooted	0.032410	1.000	1.000
0101251000	1AB	Parsnip	0.032410	1.000	1.000
0101251001	1AB	Parsnip-babyfood	0.032410	1.000	1.000
0101314000	1AB	Radish, roots	0.032410	1.000	1.000
0101316000	1AB	Radish, Oriental, roots	0.032410	1.000	1.000
0101327000	1AB	Rutabaga	0.032410	1.000	1.000
0101331000	1AB	Salsify, roots	0.032410	1.000	1.000
0101388000	1AB	Turnip, roots	0.240510	1.000	1.000
0103015000	1CD	Arrowroot, flour	0.622800	1.000	1.000
0103015001	1CD	Arrowroot, flour-babyfood	0.622800	1.000	1.000
0103017000	1CD	Artichoke, Jerusalem	0.622800	1.000	1.000
0103082000	1CD	Cassava	0.622800	1.000	1.000
0103082001	1CD	Cassava-babyfood	0.622800	1.000	1.000
0103139000	1CD	Dasheen, corm	0.622800	1.000	1.000
0103166000	1CD	Ginger	0.622800	1.000	1.000
0103166001	1CD	Ginger-babyfood	0.622800	1.000	1.000
0103167000	1CD	Ginger, dried	0.622800	1.000	1.000
0103296000	1C	Potato, chips	0.622800	1.000	1.000
0103297000	1C	Potato, dry (granules/ flakes)	0.622800	6.500	1.000
0103297001	1C	Potato, dry (granules/ flakes)-b	0.622800	6.500	1.000
0103298000	1C	Potato, flour	0.622800	1.000	1.000
0103298001	1C	Potato, flour-babyfood	0.622800	1.000	1.000
0103299000	1C	Potato, tuber, w/peel	0.622800	1.000	1.000
0103299001	1C	Potato, tuber, w/peel-babyfood	0.622800	1.000	1.000
0103300000	1C	Potato, tuber, w/o peel	0.622800	1.000	1.000
0103300001	1C	Potato, tuber, w/o peel-babyfood	0.622800	1.000	1.000
0103366000	1CD	Sweet potato	0.622800	1.000	1.000
0103366001	1CD	Sweet potato-babyfood	0.622800	1.000	1.000
0103371000	1CD	Tanier, corm	0.622800	1.000	1.000
0103387000	1CD	Turmeric	0.622800	1.000	1.000
0103406000	1CD	Yam, true	0.622800	1.000	1.000
0103407000	1CD	Yam bean	0.622800	1.000	1.000
0200051000	2	Beet, garden, tops	3.662980	1.000	1.000
0200101000	2	Chicory, tops	0.032410	1.000	1.000
0200140000	2	Dasheen, leaves	0.032410	1.000	1.000
0200315000	2	Radish, tops	0.032410	1.000	1.000
0200317000	2	Radish, Oriental, tops	0.032410	1.000	1.000
0200332000	2	Salsify, tops	0.032410	1.000	1.000
0301165000	3A	Garlic, bulb	0.317280	1.000	1.000
0301165001	3A	Garlic, bulb-babyfood	0.317280	1.000	1.000
0301237000	3A	Onion, bulb	0.317280	1.000	1.000
0301237001	3A	Onion, bulb-babyfood	0.317280	1.000	1.000

0301238000	3A	Onion, bulb, dried	0.317280	9.000	1.000
0301238001	3A	Onion, bulb, dried-babyfood	0.317280	9.000	1.000
0302198000	3B	Leek	3.968950	1.000	1.000
0302239000	3B	Onion, green	3.968950	1.000	1.000
0302338500	3B	Shallot, fresh leaves	0.317280	1.000	1.000
0401005000	4A	Amaranth, leafy	9.723670	1.000	1.000
0401018000	4A	Arugula	9.723670	1.000	1.000
0401104000	4A	Chrysanthemum, garland	9.723670	1.000	1.000
0401133000	4A	Cress, garden	9.723670	1.000	1.000
0401134000	4A	Cress, upland	9.723670	1.000	1.000
0401138000	4A	Dandelion, leaves	9.723670	1.000	1.000
0401150000	4A	Endive	9.723670	1.000	1.000
0401204000	4A	Lettuce, head	9.723670	1.000	1.000
0401205000	4A	Lettuce, leaf	9.723670	1.000	1.000
0401248000	4A	Parsley, leaves	10.787850	1.000	1.000
0401313000	4A	Radicchio	9.723670	1.000	1.000
0401355000	4A	Spinach	0.032410	1.000	1.000
0401355001	4A	Spinach-babyfood	0.032410	1.000	1.000
0402076000	4B	Cardoon	2.295440	1.000	1.000
0402085000	4B	Celery	2.295440	1.000	1.000
0402085001	4B	Celery-babyfood	2.295440	1.000	1.000
0402086000	4B	Celery, juice	2.295440	1.000	1.000
0402087000	4B	Celtuce	2.295440	1.000	1.000
0402152000	4B	Fennel, Florence	2.295440	1.000	1.000
0402322000	4B	Rhubarb	2.295440	1.000	1.000
0402367000	4B	Swiss chard	2.295440	1.000	1.000
0501061000	5A	Broccoli	0.506000	1.000	1.000
0501061001	5A	Broccoli-babyfood	0.506000	1.000	1.000
0501062000	5A	Broccoli, Chinese	0.506000	1.000	1.000
0501064000	5A	Brussels sprouts	1.137000	1.000	1.000
0501069000	5A	Cabbage	1.137000	1.000	1.000
0501071000	5A	Cabbage, Chinese, napa	1.137000	1.000	1.000
0501072000	5A	Cabbage, Chinese, mustard	0.506000	1.000	1.000
0501083000	5A	Cauliflower	0.506000	1.000	1.000
0501196000	5A	Kohlrabi	1.137000	1.000	1.000
0502063000	5B	Broccoli raab	5.375340	1.000	1.000
0502070000	5B	Cabbage, Chinese, bok choy	5.375340	1.000	1.000
0502117000	5B	Collards	5.375340	1.000	1.000
0502194000	5B	Kale	5.375340	1.000	1.000
0502229000	5B	Mustard greens	5.375340	1.000	1.000
0502318000	5B	Rape greens	5.375340	1.000	1.000
0502389000	5B	Turnip, greens	10.325090	1.000	1.000
0600347000	6	Soybean, seed	1.050020	1.000	1.000
0600349000	6	Soybean, soy milk	1.050020	1.000	1.000
0600349001	6	Soybean, soy milk-babyfood or in	1.050020	1.000	1.000
0600350000	6	Soybean, oil	1.096150	1.000	1.000
0600350001	6	Soybean, oil-babyfood	1.096150	1.000	1.000
0601043000	6A	Bean, snap, succulent	0.425730	1.000	1.000
0601043001	6A	Bean, snap, succulent-babyfood	0.425730	1.000	1.000
0601257000	6A	Pea, edible podded, succulent	0.047700	1.000	1.000
0602031000	6B	Bean, broad, succulent	0.267320	1.000	1.000
0602033000	6B	Bean, cowpea, succulent	0.267320	1.000	1.000
0602037000	6B	Bean, lima, succulent	0.267320	1.000	1.000
0602255000	6B	Pea, succulent	0.047700	1.000	1.000
0602255001	6B	Pea, succulent-babyfood	0.047700	1.000	1.000
0602259000	6B	Pea, pigeon, succulent	0.047700	1.000	1.000
0603030000	6C	Bean, black, seed	0.239300	1.000	1.000
0603032000	6C	Bean, broad, seed	0.239300	1.000	1.000
0603034000	6C	Bean, cowpea, seed	0.239300	1.000	1.000
0603035000	6C	Bean, great northern, seed	0.239300	1.000	1.000
0603036000	6C	Bean, kidney, seed	0.239300	1.000	1.000
0603038000	6C	Bean, lima, seed	0.239300	1.000	1.000
0603039000	6C	Bean, mung, seed	0.239300	1.000	1.000
0603040000	6C	Bean, navy, seed	0.239300	1.000	1.000
0603041000	6C	Bean, pink, seed	0.239300	1.000	1.000
0603042000	6C	Bean, pinto, seed	0.192790	1.000	1.000
0603098000	6C	Chickpea, seed	0.268710	1.000	1.000
0603098001	6C	Chickpea, seed-babyfood	0.268710	1.000	1.000
0603099000	6C	Chickpea, flour	0.268710	1.000	1.000
0603182000	6C	Guar, seed	0.239300	1.000	1.000
0603182001	6C	Guar, seed-babyfood	0.239300	1.000	1.000

0603203000	6C	Lentil, seed	0.192790	1.000	1.000
0603256000	6C	Pea, dry	0.192790	1.000	1.000
0603256001	6C	Pea, dry-babyfood	0.192790	1.000	1.000
0603258000	6C	Pea, pigeon, seed	0.192790	1.000	1.000
0603348000	6C	Soybean, flour	1.050020	1.000	1.000
0603348001	6C	Soybean, flour-babyfood	1.050020	1.000	1.000
0801374000	8A	Tomatillo	1.477670	1.000	1.000
0801375000	8A	Tomato	1.477670	1.000	1.000
0801375001	8A	Tomato-babyfood	1.477670	1.000	1.000
0801376000	8A	Tomato, paste	1.553300	5.400	1.000
0801376001	8A	Tomato, paste-babyfood	1.553300	5.400	1.000
0801377000	8A	Tomato, puree	1.499280	3.300	1.000
0801377001	8A	Tomato, puree-babyfood	1.499280	3.300	1.000
0801378000	8A	Tomato, dried	1.477670	14.300	1.000
0801378001	8A	Tomato, dried-babyfood	1.477670	14.300	1.000
0801379000	8A	Tomato, juice	1.477670	1.500	1.000
0802148000	8BC	Eggplant	0.914510	1.000	1.000
0802234000	8BC	Okra	0.841340	1.000	1.000
0802270000	8B	Pepper, bell	0.866470	1.000	1.000
0802270001	8B	Pepper, bell-babyfood	0.866470	1.000	1.000
0802271000	8B	Pepper, bell, dried	1.237070	1.000	1.000
0802271001	8B	Pepper, bell, dried-babyfood	1.237070	1.000	1.000
0802272000	8BC	Pepper, nonbell	0.916870	1.000	1.000
0802272001	8BC	Pepper, nonbell-babyfood	0.916870	1.000	1.000
0802273000	8BC	Pepper, nonbell, dried	1.239070	1.000	1.000
0901075000	9A	Cantaloupe	0.300820	1.000	1.000
0901187000	9A	Honeydew melon	0.300820	1.000	1.000
0901399000	9A	Watermelon	0.300820	1.000	1.000
0901400000	9A	Watermelon, juice	0.300820	1.000	1.000
0902021000	9B	Balsam pear	0.516250	1.000	1.000
0902088000	9B	Chayote, fruit	0.511250	1.000	1.000
0902102000	9B	Chinese waxgourd	0.516250	1.000	1.000
0902135000	9B	Cucumber	0.516250	1.000	1.000
0902308000	9B	Pumpkin	0.383750	1.000	1.000
0902309000	9B	Pumpkin, seed	0.383750	1.000	1.000
0902356000	9B	Squash, summer	0.383750	1.000	1.000
0902356001	9B	Squash, summer-babyfood	0.383750	1.000	1.000
0902357000	9B	Squash, winter	0.383750	1.000	1.000
0902357001	9B	Squash, winter-babyfood	0.383750	1.000	1.000
1001106000	10A	Citron	2.826750	1.000	1.000
1001107000	10A	Citrus hybrids	2.826750	1.000	1.000
1001108000	10A	Citrus, oil	319.462100	1.000	1.000
1001240000	10A	Orange	2.826750	1.000	1.000
1001241000	10A	Orange, juice	2.826750	1.800	1.000
1001241001	10A	Orange, juice-babyfood	2.826750	1.800	1.000
1001242000	10A	Orange, peel	2.826750	1.000	1.000
1001369000	10A	Tangerine	2.826750	1.000	1.000
1001370000	10A	Tangerine, juice	2.826750	2.300	1.000
1002197000	10B	Kumquat	2.826750	1.000	1.000
1002199000	10B	Lemon	2.823420	1.000	1.000
1002200000	10B	Lemon, juice	2.823420	2.000	1.000
1002200001	10B	Lemon, juice-babyfood	2.823420	2.000	1.000
1002201000	10B	Lemon, peel	2.823420	1.000	1.000
1002206000	10B	Lime	2.823420	1.000	1.000
1002207000	10B	Lime, juice	2.823420	2.000	1.000
1002207001	10B	Lime, juice-babyfood	2.823420	2.000	1.000
1003180000	10C	Grapefruit	2.830090	1.000	1.000
1003181000	10C	Grapefruit, juice	2.830090	2.100	1.000
1003307000	10C	Pummelo	2.830090	1.000	1.000
1100007000	11	Apple, fruit with peel	0.315560	1.000	1.000
1100008000	11	Apple, peeled fruit	0.315560	1.000	1.000
1100008001	11	Apple, peeled fruit-babyfood	0.315560	1.000	1.000
1100009000	11	Apple, dried	0.315560	8.000	1.000
1100009001	11	Apple, dried-babyfood	0.315560	8.000	1.000
1100010000	11	Apple, juice	0.315560	1.300	1.000
1100010001	11	Apple, juice-babyfood	0.315560	1.300	1.000
1100011000	11	Apple, sauce	0.315560	1.000	1.000
1100011001	11	Apple, sauce-babyfood	0.315560	1.000	1.000
1100129000	11	Crabapple	0.222370	1.000	1.000
1100210000	11	Loquat	0.222370	1.000	1.000
1100266000	11	Pear	0.189030	1.000	1.000

1100266001	11	Pear-babyfood	0.189030	1.000	1.000
1100267000	11	Pear, dried	0.189030	6.250	1.000
1100268000	11	Pear, juice	0.189030	1.300	1.000
1100268001	11	Pear, juice-babyfood	0.189030	1.300	1.000
1100310000	11	Quince	0.107170	1.000	1.000
1201090000	12A	Cherry	1.823190	1.000	1.000
1201090001	12A	Cherry-babyfood	1.823190	1.000	1.000
1201091000	12A	Cherry, juice	1.823190	1.500	1.000
1201091001	12A	Cherry, juice-babyfood	1.823190	1.500	1.000
1202012000	12B	Apricot	1.228050	1.000	1.000
1202012001	12B	Apricot-babyfood	1.228050	1.000	1.000
1202013000	12B	Apricot, dried	1.228050	6.000	1.000
1202014000	12B	Apricot, juice	1.228050	1.000	1.000
1202014001	12B	Apricot, juice-babyfood	1.228050	1.000	1.000
1202230000	12B	Nectarine	1.217080	1.000	1.000
1202260000	12B	Peach	1.217080	1.000	1.000
1202260001	12B	Peach-babyfood	1.217080	1.000	1.000
1202261000	12B	Peach, dried	1.228050	7.000	1.000
1202261001	12B	Peach, dried-babyfood	1.228050	7.000	1.000
1202262000	12B	Peach, juice	1.228050	1.000	1.000
1202262001	12B	Peach, juice-babyfood	1.228050	1.000	1.000
1203285000	12C	Plum	0.936920	1.000	1.000
1203285001	12C	Plum-babyfood	0.936920	1.000	1.000
1203286000	12C	Plum, prune, fresh	0.936920	1.000	1.000
1203286001	12C	Plum, prune, fresh-babyfood	0.936920	1.000	1.000
1203287000	12C	Plum, prune, dried	1.399950	5.000	1.000
1203287001	12C	Plum, prune, dried-babyfood	1.399950	5.000	1.000
1203288000	12C	Plum, prune, juice	0.936920	1.400	1.000
1203288001	12C	Plum, prune, juice-babyfood	0.936920	1.400	1.000
1301055000	13A	Blackberry	1.061050	1.000	1.000
1301056000	13A	Blackberry, juice	1.061050	1.000	1.000
1301056001	13A	Blackberry, juice-babyfood	1.061050	1.000	1.000
1301058000	13A	Boysenberry	1.061050	1.000	1.000
1301208000	13A	Loganberry	1.061050	1.000	1.000
1301320000	13A	Raspberry	0.898130	1.000	1.000
1301320001	13A	Raspberry-babyfood	0.898130	1.000	1.000
1301321000	13A	Raspberry, juice	0.898130	1.000	1.000
1301321001	13A	Raspberry, juice-babyfood	0.898130	1.000	1.000
1302057000	13B	Blueberry	0.509200	1.000	1.000
1302057001	13B	Blueberry-babyfood	0.509200	1.000	1.000
1302136000	13B	Currant	1.073380	1.000	1.000
1302137000	13B	Currant, dried	1.073380	4.300	1.000
1302149000	13B	Elderberry	0.531410	1.000	1.000
1302174000	13B	Gooseberry	0.581650	1.000	1.000
1302191000	13B	Huckleberry	0.531410	1.000	1.000
1304175000	13D	Grape	1.075980	1.000	1.000
1304176000	13D	Grape, juice	1.075980	1.200	1.000
1304176001	13D	Grape, juice-babyfood	1.075980	1.200	1.000
1304179000	13D	Grape, wine and sherry	1.075980	1.200	1.000
1304195000	13D	Kiwifruit, fuzzy	0.153840	1.000	1.000
1307130000	13G	Cranberry	0.484880	1.000	1.000
1307130001	13G	Cranberry-babyfood	0.484880	1.000	1.000
1307131000	13G	Cranberry, dried	0.484880	4.300	1.000
1307132000	13G	Cranberry, juice	0.484880	1.100	1.000
1307132001	13G	Cranberry, juice-babyfood	0.484880	1.100	1.000
1307359000	13G	Strawberry	0.731040	1.000	1.000
1307359001	13G	Strawberry-babyfood	0.731040	1.000	1.000
1307360000	13G	Strawberry, juice	0.731040	1.000	1.000
1307360001	13G	Strawberry, juice-babyfood	0.731040	1.000	1.000
1400003000	14	Almond	0.154630	1.000	1.000
1400003001	14	Almond-babyfood	0.154630	1.000	1.000
1400004000	14	Almond, oil	0.154630	1.000	1.000
1400004001	14	Almond, oil-babyfood	0.154630	1.000	1.000
1400059000	14	Brazil nut	0.175850	1.000	1.000
1400068000	14	Butternut	0.175850	1.000	1.000
1400081000	14	Cashew	0.175850	1.000	1.000
1400092000	14	Chestnut	0.193350	1.000	1.000
1400155000	14	Hazelnut	0.060850	1.000	1.000
1400156000	14	Hazelnut, oil	0.175850	1.000	1.000
1400185000	14	Hickory nut	0.175850	1.000	1.000
1400213000	14	Macadamia nut	0.175850	1.000	1.000

1400269000	14	Pecan	0.130540	1.000	1.000
1400282000	14	Pistachio	0.193350	1.000	1.000
1400391000	14	Walnut	0.175850	1.000	1.000
1500025000	15	Barley, pearled barley	0.691840	1.000	1.000
1500025001	15	Barley, pearled barley-babyfood	0.691840	1.000	1.000
1500026000	15	Barley, flour	0.691840	1.000	1.000
1500026001	15	Barley, flour-babyfood	0.691840	1.000	1.000
1500027000	15	Barley, bran	0.843780	1.000	1.000
1500065000	15	Buckwheat	0.187730	1.000	1.000
1500066000	15	Buckwheat, flour	0.187730	1.000	1.000
1500120000	15	Corn, field, flour	0.325040	1.000	1.000
1500120001	15	Corn, field, flour-babyfood	0.325040	1.000	1.000
1500121000	15	Corn, field, meal	0.325040	1.000	1.000
1500121001	15	Corn, field, meal-babyfood	0.325040	1.000	1.000
1500122000	15	Corn, field, bran	0.325040	1.000	1.000
1500123000	15	Corn, field, starch	0.325040	1.000	1.000
1500123001	15	Corn, field, starch-babyfood	0.325040	1.000	1.000
1500124000	15	Corn, field, syrup	0.325040	1.500	1.000
1500124001	15	Corn, field, syrup-babyfood	0.325040	1.500	1.000
1500125000	15	Corn, field, oil	0.325070	1.000	1.000
1500125001	15	Corn, field, oil-babyfood	0.325070	1.000	1.000
1500126000	15	Corn, pop	0.360500	1.000	1.000
1500127000	15	Corn, sweet	0.350530	1.000	1.000
1500127001	15	Corn, sweet-babyfood	0.350530	1.000	1.000
1500226000	15	Millet, grain	0.187730	1.000	1.000
1500231000	15	Oat, bran	0.658910	1.000	1.000
1500232000	15	Oat, flour	0.506960	1.000	1.000
1500232001	15	Oat, flour-babyfood	0.506960	1.000	1.000
1500233000	15	Oat, groats/rolled oats	0.506960	1.000	1.000
1500233001	15	Oat, groats/rolled oats-babyfood	0.506960	1.000	1.000
1500323000	15	Rice, white	2.219510	1.000	1.000
1500323001	15	Rice, white-babyfood	2.219510	1.000	1.000
1500324000	15	Rice, brown	2.219510	1.000	1.000
1500324001	15	Rice, brown-babyfood	2.219510	1.000	1.000
1500325000	15	Rice, flour	2.219510	1.000	1.000
1500325001	15	Rice, flour-babyfood	2.219510	1.000	1.000
1500326000	15	Rice, bran	4.650690	1.000	1.000
1500326001	15	Rice, bran-babyfood	4.650690	1.000	1.000
1500328000	15	Rye, grain	0.370710	1.000	1.000
1500329000	15	Rye, flour	0.370710	1.000	1.000
1500344000	15	Sorghum, grain	0.999400	1.000	1.000
1500345000	15	Sorghum, syrup	0.999400	1.000	1.000
1500381000	15	Triticale, flour	0.321700	1.000	1.000
1500381001	15	Triticale, flour-babyfood	0.321700	1.000	1.000
1500401000	15	Wheat, grain	0.393070	1.000	1.000
1500401001	15	Wheat, grain-babyfood	0.393070	1.000	1.000
1500402000	15	Wheat, flour	0.395500	1.000	1.000
1500402001	15	Wheat, flour-babyfood	0.395500	1.000	1.000
1500403000	15	Wheat, germ	0.397800	1.000	1.000
1500404000	15	Wheat, bran	0.407930	1.000	1.000
1500405000	15	Wild rice	0.244130	1.000	1.000
1901118000	19A	Cilantro, leaves	10.787850	1.000	1.000
1901118001	19A	Cilantro, leaves-babyfood	10.787850	1.000	1.000
1901249000	19A	Parsley, dried leaves	31.909300	1.000	1.000
1901249001	19A	Parsley, dried leaves-babyfood	31.909300	1.000	1.000
2001319000	20A	Rapeseed, oil	0.210460	1.000	1.000
2001319001	20A	Rapeseed, oil-babyfood	0.210460	1.000	1.000
2002364000	20B	Sunflower, seed	0.050680	1.000	1.000
2002365000	20B	Sunflower, oil	0.050680	1.000	1.000
2002365001	20B	Sunflower, oil-babyfood	0.050680	1.000	1.000
2003128000	20C	Cottonseed, oil	0.379680	1.000	1.000
2003128001	20C	Cottonseed, oil-babyfood	0.379680	1.000	1.000
2100228000	21	Mushroom	0.091170	1.000	1.000
3100044000	31	Beef, meat	0.042870	1.000	1.000
3100044001	31	Beef, meat-babyfood	0.042870	1.000	1.000
3100045000	31	Beef, meat, dried	0.042870	1.920	1.000
3100046000	31	Beef, meat byproducts	0.099280	1.000	1.000
3100046001	31	Beef, meat byproducts-babyfood	0.099280	1.000	1.000
3100047000	31	Beef, fat	0.063770	1.000	1.000
3100047001	31	Beef, fat-babyfood	0.063770	1.000	1.000
3100048000	31	Beef, kidney	0.296820	1.000	1.000

3100049000	31	Beef, liver	0.516100	1.000	1.000
3100049001	31	Beef, liver-babyfood	0.516100	1.000	1.000
3200169000	32	Goat, meat	0.042870	1.000	1.000
3200170000	32	Goat, meat byproducts	0.099280	1.000	1.000
3200171000	32	Goat, fat	0.063770	1.000	1.000
3200172000	32	Goat, kidney	0.296820	1.000	1.000
3200173000	32	Goat, liver	0.516100	1.000	1.000
3300189000	33	Horse, meat	0.042870	1.000	1.000
3400290000	34	Pork, meat	0.051610	1.000	1.000
3400290001	34	Pork, meat-babyfood	0.051610	1.000	1.000
3400291000	34	Pork, skin	0.046400	1.000	1.000
3400292000	34	Pork, meat byproducts	0.084040	1.000	1.000
3400292001	34	Pork, meat byproducts-babyfood	0.084040	1.000	1.000
3400293000	34	Pork, fat	0.046400	1.000	1.000
3400293001	34	Pork, fat-babyfood	0.046400	1.000	1.000
3400294000	34	Pork, kidney	0.103700	1.000	1.000
3400295000	34	Pork, liver	0.236980	1.000	1.000
3500339000	35	Sheep, meat	0.042870	1.000	1.000
3500339001	35	Sheep, meat-babyfood	0.042870	1.000	1.000
3500340000	35	Sheep, meat byproducts	0.099280	1.000	1.000
3500341000	35	Sheep, fat	0.063770	1.000	1.000
3500341001	35	Sheep, fat-babyfood	0.063770	1.000	1.000
3500342000	35	Sheep, kidney	0.296820	1.000	1.000
3500343000	35	Sheep, liver	0.516100	1.000	1.000
3600222000	36	Milk, fat	0.124040	1.000	1.000
3600222001	36	Milk, fat-baby food/infant formu	0.124040	1.000	1.000
3600223000	36	Milk, nonfat solids	0.037810	1.000	1.000
3600223001	36	Milk, nonfat solids-baby food/in	0.037810	1.000	1.000
3600224000	36	Milk, water	0.037810	1.000	1.000
3600224001	36	Milk, water-babyfood/infant form	0.037810	1.000	1.000
3600225001	36	Milk, sugar (lactose)-baby food/	0.037810	1.000	1.000
3800221000	38	Meat, game	0.042870	1.000	1.000
3900312000	39	Rabbit, meat	0.042870	1.000	1.000
4000093000	40	Chicken, meat	0.015000	1.000	1.000
4000093001	40	Chicken, meat-babyfood	0.015000	1.000	1.000
4000094000	40	Chicken, liver	0.031760	1.000	1.000
4000095000	40	Chicken, meat byproducts	0.031760	1.000	1.000
4000095001	40	Chicken, meat byproducts-babyfoo	0.031760	1.000	1.000
4000096000	40	Chicken, fat	0.031760	1.000	1.000
4000096001	40	Chicken, fat-babyfood	0.031760	1.000	1.000
4000097000	40	Chicken, skin	0.031760	1.000	1.000
4000097001	40	Chicken, skin-babyfood	0.031760	1.000	1.000
5000382000	50	Turkey, meat	0.015000	1.000	1.000
5000382001	50	Turkey, meat-babyfood	0.015000	1.000	1.000
5000383000	50	Turkey, liver	0.031760	1.000	1.000
5000383001	50	Turkey, liver-babyfood	0.031760	1.000	1.000
5000384000	50	Turkey, meat byproducts	0.031760	1.000	1.000
5000384001	50	Turkey, meat byproducts-babyfood	0.031760	1.000	1.000
5000385000	50	Turkey, fat	0.031760	1.000	1.000
5000385001	50	Turkey, fat-babyfood	0.031760	1.000	1.000
5000386000	50	Turkey, skin	0.031760	1.000	1.000
5000386001	50	Turkey, skin-babyfood	0.031760	1.000	1.000
6000301000	60	Poultry, other, meat	0.015000	1.000	1.000
6000302000	60	Poultry, other, liver	0.031760	1.000	1.000
6000303000	60	Poultry, other, meat byproducts	0.031760	1.000	1.000
6000304000	60	Poultry, other, fat	0.031760	1.000	1.000
6000305000	60	Poultry, other, skin	0.031760	1.000	1.000
7000145000	70	Egg, whole	0.024220	1.000	1.000
7000145001	70	Egg, whole-babyfood	0.024220	1.000	1.000
7000146000	70	Egg, white	0.024220	1.000	1.000
7000146001	70	Egg, white (solids)-babyfood	0.024220	1.000	1.000
7000147000	70	Egg, yolk	0.024220	1.000	1.000
7000147001	70	Egg, yolk-babyfood	0.024220	1.000	1.000
8601000000	86A	Water, direct, all sources	0.011000	1.000	1.000
8602000000	86B	Water, indirect, all sources	0.011000	1.000	1.000
9500016000	O	Artichoke, globe	0.972370	1.000	1.000
9500019000	O	Asparagus	0.036140	1.000	1.000
9500020000	O	Avocado	9.116940	1.000	1.000
9500023000	O	Banana	0.691100	1.000	1.000
9500023001	O	Banana-babyfood	0.691100	1.000	1.000
9500024000	O	Banana, dried	0.691100	3.900	1.000

9500024001 O	Banana, dried-babyfood	0.691100	3.900	1.000
9500074000 O	Canistel	3.241220	1.000	1.000
9500115000 O	Coffee, roasted bean	0.538240	1.000	1.000
9500116000 O	Coffee, instant	0.538240	1.000	1.000
9500177000 O	Grape, leaves	1.075980	1.000	1.000
9500178000 O	Grape, raisin	2.043940	4.300	1.000
9500188000 O	Hop	23.139680	1.000	1.000
9500211000 O	Lychee	1.621730	1.000	1.000
9500212000 O	Lychee, dried	1.621730	1.850	1.000
9500215000 O	Mango	1.149010	1.000	1.000
9500215001 O	Mango-babyfood	1.149010	1.000	1.000
9500216000 O	Mango, dried	1.149010	1.000	1.000
9500217000 O	Mango, juice	1.149010	1.000	1.000
9500217001 O	Mango, juice-babyfood	1.149010	1.000	1.000
9500245000 O	Papaya	1.735810	1.000	1.000
9500245001 O	Papaya-babyfood	1.735810	1.000	1.000
9500246000 O	Papaya, dried	1.735810	1.800	1.000
9500247000 O	Papaya, juice	1.735810	1.500	1.000
9500263000 O	Peanut	0.794710	1.000	1.000
9500264000 O	Peanut, butter	0.802070	1.890	1.000
9500265000 O	Peanut, oil	0.801230	1.000	1.000
9500275000 O	Peppermint	6.179080	1.000	1.000
9500276000 O	Peppermint, oil	6.179080	1.000	1.000
9500279000 O	Pineapple	3.644500	1.000	1.000
9500279001 O	Pineapple-babyfood	3.644500	1.000	1.000
9500280000 O	Pineapple, dried	3.644500	5.000	1.000
9500281000 O	Pineapple, juice	3.644500	1.700	1.000
9500281001 O	Pineapple, juice-babyfood	3.644500	1.700	1.000
9500283000 O	Plantain	0.691100	1.000	1.000
9500284000 O	Plantain, dried	0.691100	3.900	1.000
9500333000 O	Sapote, Mamey	3.241220	1.000	1.000
9500352000 O	Spearmint	6.179080	1.000	1.000
9500353000 O	Spearmint, oil	6.179080	1.000	1.000
9500362000 O	Sugarcane, sugar	0.124200	1.000	1.000
9500362001 O	Sugarcane, sugar-babyfood	0.124200	1.000	1.000
9500363000 O	Sugarcane, molasses	0.124200	1.000	1.000
9500363001 O	Sugarcane, molasses-babyfood	0.124200	1.000	1.000

**Attachment 5. Summary of the acute dietary exposure and risk estimates for 1,2,4-triazole.**

U.S. EPA  
DEEM-FCID ACUTE Analysis for 1,2,4-TRIAZOLE  
Residue file: TRIAZOLE ACUTE.R08  
Analysis Date: 05-14-2013/09:30:53  
RAC/FF intake summed over 24 hours  
Run Comment: ""  
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Ver. 3.16, 03-08-d  
NHANES 2003-2008 2-Day  
Adjustment factor #2 used.

Summary calculations--per capita:

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
Total US Population:	0.008300	27.67	0.015287	50.96	0.034387	114.62
All Infants:	0.012161	40.54	0.019422	64.74	0.031199	104.00
Children 1-2:	0.023044	76.81	0.039633	132.11	0.063663	212.21
Children 3-5:	0.018950	63.17	0.032410	108.03	0.040919	136.40
Children 6-12:	0.011017	36.72	0.017083	56.94	0.038626	128.75
Youth 13-19:	0.007230	24.10	0.011581	38.60	0.019850	66.17
Adults 20-49:	0.006623	22.08	0.010203	34.01	0.016821	56.07
Adults 50-99:	0.005835	19.45	0.008906	29.69	0.015480	51.60
Female 13-49:	0.006763	22.54	0.010140	33.80	0.015429	51.43

**Attachment 6. Summary of the chronic dietary exposure and risk estimates for 1,2,4-triazole.**

U.S. EPA  
DEEM-FCID Chronic analysis for 1,2,4-TRIAZOLE  
Residue file name: C:\Documents and Settings\tmorton\My Documents\MyFiles\DEEM Files\Triazole Risk Assessment 4-2013 CW Prothio\TRIAZOLE CHRONIC.R08

Adjustment factor #2 used.

Analysis Date 05-14-2013/09:27:57 Residue file dated: 05-14-2013/09:26:32  
Reference dose (RfD, Chronic) = .005 mg/kg bw/day

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Total exposure by population subgroup

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Population Subgroup	Total Exposure	
	mg/kg body wt/day	Percent of Rfd
Total US Population	0.001333	26.7%
Hispanic	0.001609	32.2%
Non-Hisp-White	0.001270	25.4%
Non-Hisp-Black	0.001327	26.5%
Non-Hisp-Other	0.001472	29.4%
Nursing Infants	0.000963	19.3%
Non-Nursing Infants	0.002249	45.0%
Female 13+ PREG	0.001395	27.9%
Children 1-6	0.003232	64.6%
Children 7-12	0.001550	31.0%
Male 13-19	0.001127	22.5%
Female 13-19/NP	0.001052	21.0%
Male 20+	0.001108	22.2%
Female 20+/NP	0.001110	22.2%
Seniors 55+	0.001061	21.2%
All Infants	0.001852	37.0%
Female 13-50	0.001117	22.3%
Children 1-2	0.003848	77.0%
Children 3-5	0.003076	61.5%
Children 6-12	0.001673	33.5%
Youth 13-19	0.001089	21.8%
Adults 20-49	0.001141	22.8%
Adults 50-99	0.001077	21.5%
Female 13-49	0.001114	22.3%

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Attachment 7. Summary of the acute dietary exposure and risk estimates for the conjugated triazole metabolites.

U.S. EPA  
DEEM-FCID ACUTE Analysis for TRIAZOLE CONJUGATES  
Residue file: CONJUGATES.ACUTE.R08  
Analysis Date: 05-14-2013/09:29:12  
RAC/FF intake summed over 24 hours  
Run Comment: ""  
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Summary calculations--per capita:

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile Exposure	% aRfD
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Female 13-49:	0.080286	80.29	0.128011	128.01	0.202460	202.46

Attachment 8. Summary of the chronic dietary exposure and risk estimates for the conjugated triazole metabolites.

U.S. EPA  
DEEM-FCID Chronic analysis for TRIAZOLE CONJUGATES  
Residue file name: C:\Documents and Settings\tmorton\My Documents\MyFiles\DEEM Files\Triazole Risk Assessment 4-2013 CW Prothio\CONJUGATES CHRONIC.R08

Ver. 3.16, 03-08-d  
NHANES 2003-2008 2-day

Analysis Date 05-14-2013/09:27:33 Residue file dated: 05-14-2013/09:25:24  
Reference dose (RfD, Chronic) = .09 mg/kg bw/day

Adjustment factor #2 used.

Total exposure by population subgroup

Population Subgroup	Total Exposure	
	mg/kg body wt/day	Percent of Rfd
Total US Population	0.018608	20.7%
Hispanic	0.023324	25.9%
Non-Hisp-White	0.017383	19.3%
Non-Hisp-Black	0.019505	21.7%
Non-Hisp-Other	0.020573	22.9%
Nursing Infants	0.012937	14.4%
Non-Nursing Infants	0.025894	28.8%
Female 13+ PREG	0.019960	22.2%
Children 1-6	0.049351	54.8%
Children 7-12	0.022967	25.5%
Male 13-19	0.016528	18.4%
Female 13-19/NP	0.014845	16.5%
Male 20+	0.015057	16.7%
Female 20+/NP	0.014665	16.3%
Seniors 55+	0.014193	15.8%
All Infants	0.021894	24.3%
Female 13-50	0.014990	16.7%
Children 1-2	0.058664	65.2%
Children 3-5	0.047179	52.4%
Children 6-12	0.024872	27.6%
Youth 13-19	0.015669	17.4%
Adults 20-49	0.015341	17.0%
Adults 50-99	0.014399	16.0%
Female 13-49	0.014948	16.6%